

The University Singers
 Exclusive Interviews with Earle Birney and Joan Pedersen

ALUMNI UBC CHRONICLE WINTER 1984

CHRONICLE

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AS U.B.C. RESEARCHER, PROFESSOR U. REKA (A) PONDER'S HIS FINDINGS, HEAT FROM HIS BROW BOILS WATER IN KETTLE (B). WHISTLING OF KETTLE AWAKENS SLEEPING BIRD (C) WHICH FLIES OFF SCALE (D) UPSETTING BOWLING BALL (E) WHICH DROPS INTO TRASH CAN (F). SYMPHONY CONDUCTOR (G) THINKING HE HEARS 1812 OVERTURE, BEGINS CONDUCTING, MOTION

SKYROCKET (J), LAUNCHING OF ROCKET WINDS CLOCK (K). PENDULUM OF CLOCK SWINGS PHOTO OF WIFE AND KIDS (L) BACK AND FORTH IN FRONT OF ENTREPRENEUR (M) WHO CONCENTRATES BUSINESS EFFORT, THEREBY ACCELERATING RELEASE OF PRODUCT INTO THE MARKETPLACE.



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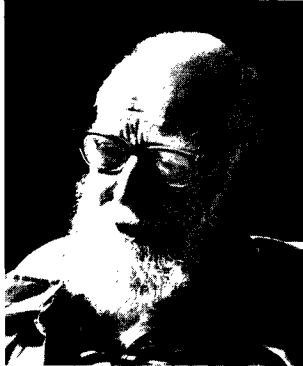


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Editorial

Value for the Money

By Anne Sharp

Alumni who feel bound to defend the cost of higher education and their University will be gratified to learn of a report showing UBC's tremendous economic impact on the community. Published by the University's Office of Institutional Analysis and Planning, the report shows that UBC-related spending in the Greater Vancouver Regional District in 1980-81 was estimated to be \$235 million. In addition, the University as an employer provided an estimated 7,500 full time equivalent jobs within the GVRD.

The study adds up University expenditures on goods and services and spending by individual faculty, staff, students and visitors to come up with the total number of dollars pumped into the community. But that's not the whole story. Every dollar introduced into the region is spent by someone else and someone else again. The economic benefits of each step along this chain reaction is measured by what economists call an economic multiplier.

For example, the tourist industry brings money in from outside the country so economists generally use an economic multiplier of three for each dollar introduced into the community. In other words, each time a tourist from outside the country spends a dollar, its real impact on our economy is worth three dollars.

The report on UBC uses a rather low economic multiplier of two, perhaps because the dollars generated are considered to be already in the community (most of the funds for higher education are passed from the federal government through the provincial government to the universities).

The study was published in 1982, but economists say it is reasonable to assume the economic impact today has not altered perceptibly because of several factors. Salaries at UBC haven't changed since the time of the report and inflation has fallen to a low three per cent. Although the number of full-time-equivalent jobs at UBC has decreased by eight per cent since 1980, the number of students has increased by seven per cent. Thus, although there may be less spending on the part of faculty and staff, more spending has occurred on the part of students.

Using an economic multiplier of two, the University of British Columbia may be considered to be responsible for 14,000 jobs and a \$470 million

continued next page

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stimulus to the GVRD economy. That's not even considering the economic stimulus of the University's product — educated individuals. What UBC's 47,000 grads living in the Lower Mainland put back into the community is immeasurable.

In a recent article in the *Vancouver Sun*, Jim Matkin, head of the Business Council of B.C., expressed concern over the speed at which economic restraint was being imposed on B.C. universities. "The idea of public sector restraint shouldn't be an idea that's seen as a broad brush," said Matkin. "There is a difference between different segments of the public sector."

Matkin's comment is especially noteworthy when one is comparing cutbacks in a university with cutbacks in a company. For example, a company might have to cut back because demand for its product has fallen. But, demand for the university's product — degrees and diplomas — has not fallen during the recession. Quite the opposite: full-time student enrolment at UBC increased from 23,604 in September 1980 to 25,177 in September 1984.

And there is good reason why the university's product is so much in demand. According to Statistics Canada's 1981 Census, the average 1980 income of a university-educated Canadian husband/wife family was about \$45,000. Where both spouses had less than secondary education, family income dropped to \$24,000. The 1983 Stats Canada annual average unemployment rate indicates that unemployed university grads have a three times greater chance of getting work than unemployed high school graduates.

Anyone who doubts the value of higher education today is just not living in the 80s and any British Columbian who doubts the value of having a world-class university in our midst is just not looking ahead. ■

Season's Greetings

The Board, Staff and Volunteers of your Association would like to take this opportunity to wish all UBC graduates and their families a very happy holiday season and peace and prosperity in the New Year.

May we also convey a special word of appreciation to all of you who have contributed to our Alumni Scholarship and Bursary Endowment Fund. This fund will be of immense help to future generations of UBC students.

Thank you. ■



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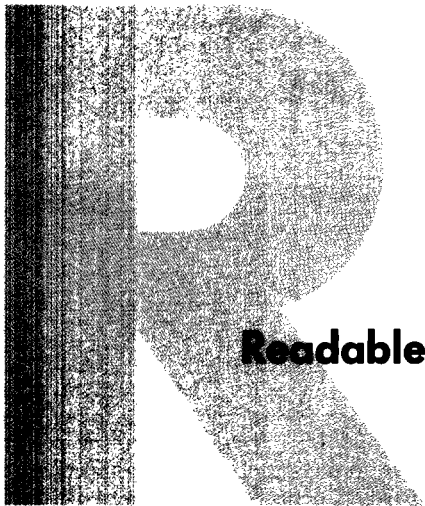
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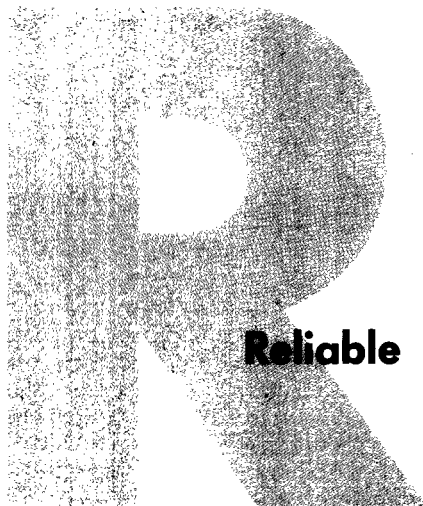
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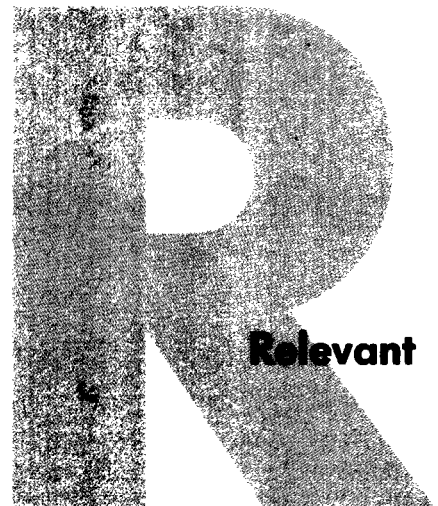
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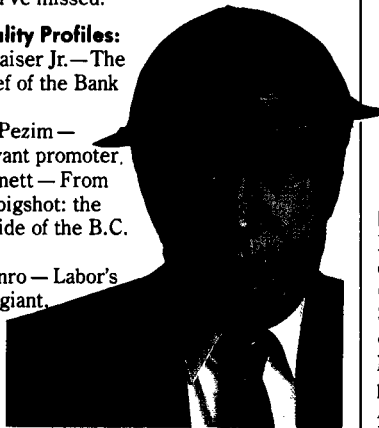
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Joan Pedersen

UBC's Ambassador at Home

By Eleanor Wachtel

The morning of my interview with Joan Pedersen, she called — very apologetic — to ask if we could change our appointment because of the Arts 20 relay. They had asked her if she would be an alternate if they needed someone. It fit with everything I'd heard about Joan Pedersen: good sport, ready to pitch in, considerate and willing to explain. I mean this is the woman who, while at SFU, baked 3,500 Danish vanilla cookies at Christmas for the staff and faculty. "It was a wonderful way for the family to spend time together (it took three consecutive weekends); the house smelled so good." No wonder they were known as "George and Joan" — a team.

And now they occupy 6565 N.W. Marine Drive, the newly-renovated Norman MacKenzie House. It was built by the University for MacKenzie in 1950, but subsequent presidents like Walter Gage, a bachelor, chose to live off campus, as did the Kennys. The house deteriorated and was used by the botanical gardens. Then last February, the Pedersens moved into a restored home, converted to recognize a dual purpose. When the Board of Governors offered the president's job to George Pedersen, it was with the understanding that the family would live in the MacKenzie House and use its ground floor to entertain friends of the University. In the first three months, the Pedersens hosted 1,600.

From Marine Drive, you can see the red-tiled Spanish roof and pale adobe-colored walls, the spacious green lawn fronting a semi-circular drive. Above the doorbell is a sheaf of dry wheat tied with red-checked cloth. The entrance hallway, with its circular staircase, is suitably grand. In a pinch, for especially large dinner parties, it can seat 24. "I keep saying to the kids," Joan jokes, "'get married so we can use that hallway.'" The Pedersens themselves rarely come in that way; they use a side-door off the garage.

Joan is tall with short blonde hair tucked behind her ears. Her eyes are light green — celadon — behind

faintly pink-tinted glasses. I notice these details in particular because she is standing in the living room that has been redecorated with pink industrial-weight fabric couches, highlighted with celadon pottery from Glen Allison's (UBC Fine Arts Gallery curator) private collection.

She offers to conduct a brief tour of the ground floor. How many rooms are there? "I'd have to stand and

*Three of the residents of
Norman MacKenzie
House: daughter Lisa,
newly-adopted cat and Joan.*



count," she says, and she does. On the main floor are five large rooms and two smaller extra rooms for family guests, but originally intended for live-in staff.

There is no staff assigned to the Pedersen household. Catering for large parties is arranged through campus food services. A cleaning woman comes in two days a week — two consecutive days — which means that there will inevitably be entertaining with no help to clean up afterwards. Joan has been known to wash up and do all the glasses by hand after a dinner for 60 "because who else was going to do it?" George frequently brings guests home after work, so one can hardly leave crumbs and glasses lying about.

"I'm not a martyr," she reassures. "I'm being treated very well here. I think it's fair to say that all the entertaining we do here is self-imposed. We don't have to do it. We decided. We see a need and react to it. The house has not been equipped or staffed to do all the things that we're doing. And yes, there is only one tablecloth for each table and yes, if you're having people one day and again the next, there's no way to have them laundered in time so I wash them and iron, and vacuum, myself."

After six months of entertaining, the tablecloths are "absolutely worn out. They're in shreds they've been used so much." So they're being replaced with wash 'n' wear ones that can go straight from the dryer to the table. "They're sheets," says Joan *sotto voce*. "Beautiful turquoise sheets."

The smallest party is dinner for 12, which Joan prepares herself. The largest reception includes 200 guests. With campus catering (who now bring their own dishes for large groups), they can serve 40-60 people, depending on whether it's buffet or sit-down. Unlike the Faculty Club or Cecil Green Park, the MacKenzie House is used only for affairs hosted by the Pedersens. Joan says she loves it, meeting people and bringing them together. She works closely with the Ceremonies Office to send out invitations, plan menus, and keep track of who was present when, what they ate, and who else was there. "I really need a home computer," she sighs. Meanwhile, she maintains bulging files, Ceremonies has theirs, and she hopes nothing falls between the cracks.

The second floor of the MacKenzie House provides the Pedersens' living quarters — a sitting room, joint study, kitchen and four bedrooms for the family. Part of their own dining room set stands in the hallway — in "storage". Their son Greg, 24, graduated from the University of Victoria; daughter Lisa, 22, and a close family friend, Diane, also 22, are still at SFU.

"We always leave the kids one university behind," Joan laughs, as she



Photos: Barry W. Brooks

Joan Pedersen in the dining room of Norman MacKenzie House: after six months of entertaining, the tablecloths are worn out, but the Pedersens are still going strong.

briefly traces George's administrative career. Lisa has laid out coffee in the upstairs living room. I admire the ceramic cups, a gift from Lisa.

Joan was born in Vancouver. "Do I have to say when?" she smiles. "I'm the same age as George. We met at the Vancouver Normal School, in teacher training." They married at 22. George started in North Vancouver, Joan taught Grade One at Cecil Rhodes. When George's career began to outstrip their original expectations, they decided to follow new ambitions — to Chicago for his PhD, to Toronto, back to Chicago, and then Victoria. Joan resumed teaching in Victoria, but after lengthy discussions, gave it up when George became president of SFU in 1979.

She was ready for a change, she was nearing her undergraduate degree after decades of courses, and she saw a useful role for herself. Joan read books by university presidents' wives, she researched studies examining the degree of spousal involvement.

"There are some universities in the U.S. where the wife or husband is also interviewed by the board of governors if they wish to be an active participant on the job," Joan explains.

"I knew you'd ask me about the role of the president's wife," she says, circling in on an answer. "I'm going to sound like a teacher because first you diagnose each situation and then you carry on from there."

SFU was one thing, UBC quite another. Her first goal at UBC is to

understand its already extensive history. With the help of campus archives, the alumni association, and Dr. Blythe Eagles (a "Great Trekker"), Joan studies slides of alumni to know who did what. She uses them to brush up before meeting alumni groups.

Her second goal is to know the school as it is now. This means attending functions, and instead of taking her daily two-four mile walk along Spanish Banks, she strolls through the campus to familiarize herself. Part of her job is to plan tours for visitors and she prefers to include some out of the way corner like a physics lab along with the more traditional sites like the Nitobe Gardens.

Her third and major objective is to use her house as a convivial forum in which to woo public support — both moral and financial — for the University. It's an ambassadorial role. Once Joan gets talking about campus events, she becomes genuinely enthusiastic, almost thrilled. I warn her that she's going to sound Pollyanna-ish. "Oh God, I hope not," she says. "And I don't want to be seen as a social butterfly either."

Hardly. In addition to all her public duties, Joan has recently written two school texts for elementary social studies. She's deliberating between embarking on graduate work next or studying French, and she's quick to remind you that she knows she won't be filling the role of president's wife forever.

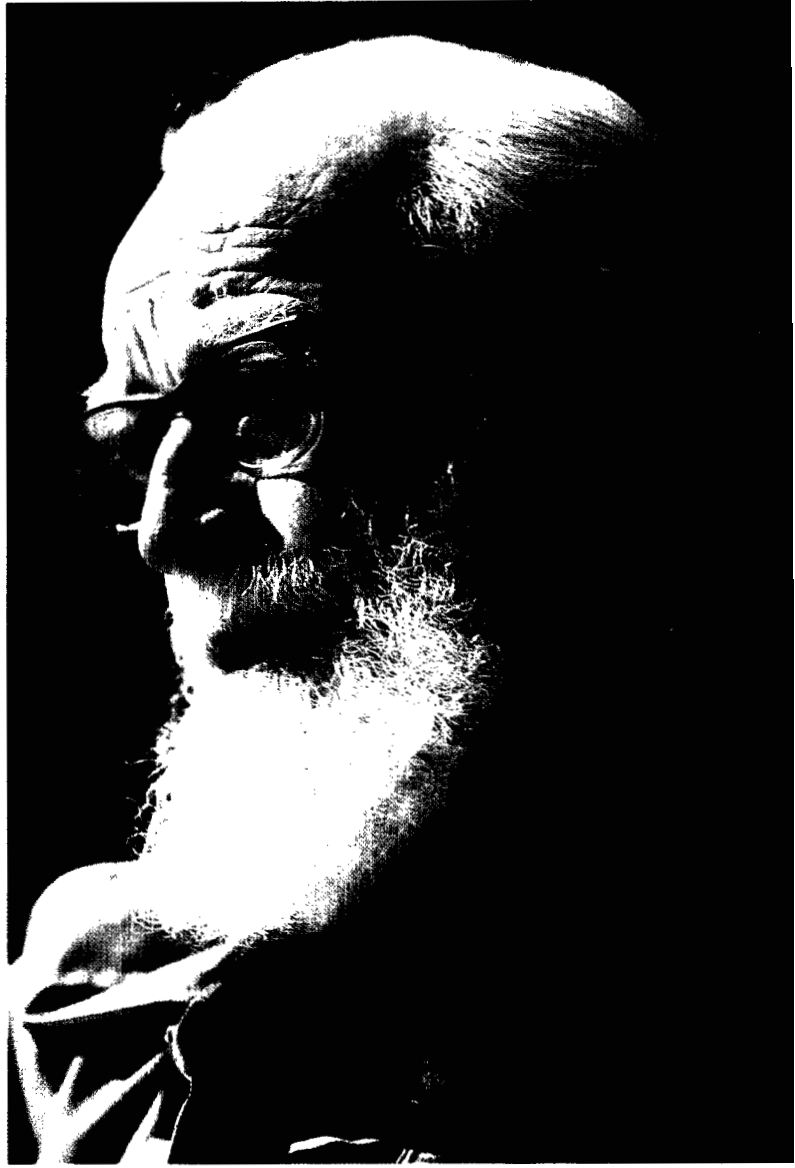
But at UBC, it's still the beginning. While rushing to the campus bank one morning, a staff member hollered out, "Joan! how ya doin'?" She stopped to chat, but as she raced back to her (illegally parked) car, she overheard some students asking, "How do you get to call Mrs. Pedersen, Joan?"

"If she's wearing her blue jeans, she's Joan" came the answer.

"It made me feel great," she says. "It takes a year or two to feel at home. People tend to think of the president's wife as somehow not a person, just George's wife."

Not a chance, Joan. ■

Some nine hundred fifty circlings of
my moon
i doubt i'll see a thousand
my face lunar now too
strings of my limbs unravelled
trunk weak at the core like an elm's
worse the brain's chemistry out of kilter
memory a frayed net
speech a slowing disc the needle jumps
& yet i limp about insist in fact
on thanking the sky's pale dolphin
for flushing and plumping herself once more
into a pumpkin —
that storybook Moon still in my child mind
too deep for any astronaut to dig out
— from "birthday", 1978



Earle Birney at 80

*"Most people assume I'm dead," says UBC's
poet grad of 1926.*

By Kelley Jo Burke

Let's start at the end. The interview is over, and we're walking through the sunshine, talking about gardening. His legs are stiff, and he stumbles a bit after sitting for over two hours. But he does manage to kick at some insolent weeds in his son's garden.

I admit, unnecessarily I suspect, to being nervous during the session. On his demanding why, I say that famous people always make me nervous.

"Heavens," he chuckles, "I'm not a famous person. I've just lived longer than the rest of them."

This is Earle Birney's eightieth year. In the 1950s, Birney was a distinguished writer and University of British Columbia graduate and professor, winding down from a notable career. In the '60s he was one of Canada's leading poets. Just when everyone assumed he had run out of tricks Birney presented "The Rag and Bone Shop" in 1971. It was a radical departure from anything he'd ever done. By 1976 he was being eulogized as Canada's grand old man of letters, a title he cheerfully tried to ignore. He started recording experimental sound poems, produced another book of poetry, *Fall by Fury* in 1978, and point blank refused to be quiet and venerable.

And now, as we approach 1985, he is working on not one, but three new books.

"It's a bad habit . . . I just can't stop wanting to write," he says. "I'm quite aware that I'm not likely to write my best anymore, but I try to write the best that I can find inside me still . . . It's more difficult now, I don't write nearly as quickly, I don't think nearly as quickly as I used to." He adds, only slightly wistfully, "I still enjoy it."

The title work in *Fall by Fury* tells the story of Birney's near fatal fall from a tree in 1977.

**So I threw the last snag down
and the locked saw after
turning and shifting my grips
to descend to Wai-lan
when something my Hubris
some Fury of insect wing and sting
drove its whining hate at my eye
One hand unloosed convulsive to shield
and I slipped
forever from treetops**

— from "Fall by Fury", 1978

Birney had originally thought that the entire painful period, from the fall to his agonizingly slow recovery would make "a marvellous sequence of poems". The first became an aching admission that age, which could not stop his mind, could bring down his body. But after he finished "Fall by Fury" he decided to forget the sequence.

"It was so painful to write about . . . I prefer to write about happy things. I'll write about past miseries, but I'm not particularly concerned with projecting my immediate miseries, " — a pause, and then — "Something is happening to me, and to the outer world it looks ridiculous, but to me it is infuriating."

Birney tells a story about a walk he and his wife Wai-lan took a few days before in Victoria. Going over "big, old rocks scoured by the glacier," Wai-lan, who is much his junior, passed him. Birney began to catch up, and seeing the twenty foot fall to the rocks below, realized that he was not steady enough to safely go further.

"I was a mountain climber! To find that something in my body prevented me getting the right balance to make that leap — it's terrible.

"The only way to write about it is to acknowledge the ridiculousness of it, and say, 'God, he's so lucky to be alive at all, why's he complaining about it?'"

So he writes about "friendship, love and kindly nature" and rejects pathos. Instead of mourning the 45-year difference between himself and his wife, he writes love poems about it.

**my love is young & i am old
she'll need a new man soon
but still we wake to clip and talk
to laugh as one
to eat and walk
beneath our five-year moon**

— from "My Love Is Young", 1978

Of his three new books, one is an anthology of radio plays which he wrote for the CBC in the 1950s, another is his second volume of stories about the Canadian literary community, taking up where *Spreading Time* left off.

The third is of course a new book of poetry. He calls it a finishing off of old business. The major project for the work, however, is a suite of "poetry, condensed prose-near poetry, and true prose" based on letters he sent to his mother in 1934, while he worked on board a "limey tramp freighter" as an ordinary seaman. The hitch was from Port Alberni to Hull, England, and in the letters, the thirty-year-old Birney described to his mother the crew members with whom he travelled down the Pacific Coast and through the Panama Canal, from the ship's captain to the fireman and cook.

Birney talks about his work like any craftsman might about a commission. He likes the work, and he's been owing his publisher something for ages, so out come more books. The fact that a new book of poems by Earle Birney is going to cause something of a national stir does not enter the conversation.

In the last ten years, Birney's verse has changed dramatically, becoming more spare and direct, it seems, with each new publication.

"It becomes more and more important, as I have less and less time to be alive, to get to the nub of things," Birney says, "because if I don't do it that way, it's going to take too long."

"Most people assume I'm dead," he laughs, telling a story about a now famous student from UBC Creative Writing days, who keeps sending Birney his new publications, on the off chance that he might still be alive.

But Earle Birney is nowhere near dead yet. As he sits in the Sunday morning garden, weaving yarns about talks with Trotsky, brothels in Utah, and Malcolm Lowry's drinking bouts, his mind churning out names, dates and literary references, I think, tritely, that a 20-year-old could not hope to match his fire.

His voice starts to go, as we approach noon. There was a party the night before, with much song. He has a writing seminar to do up in Sechelt this week, and has been flown in from Toronto to speak at the September Day of Concern for Education "to warm things up for the more important speakers." He wants to get some writing done, and start on the proofs of the plays this week as well, so he really ought to have the rest of his Sunday off. Time to wrap it up.

**when i give my dust to the wind
it will be with thanks
for those fellow earthlings
who forgave or forgot
my onetime wife our son our grandsons
& those comrades who held me
steady on cliffs**

**above all
my gratitude is to whatever Is above all
to the young who light my evening sky
& to her my happiest Happenstance —
if she remember me with love
when she is old
it will be immortality enough**

— from "birthday", 1978 ■

The New Entrepreneurs of the Laboratory

Campus teams up with industry as UBC research ideas hit the marketplace.

By David Morton



A few years ago, Dr. Rudi Haering, a solid state physicist at UBC, was eating lunch with a few of his students — a regular practise of his, and a chance to talk about “anything under the sun.” On this particular day, one of the students noted that he had read an interesting paper about a new battery being developed in the U.S. using an expensive synthetic chemical. In the ensuing discussion, Haering and students came up with the idea that perhaps a better battery could be made using molybdenum disulfide, a naturally occurring compound found in great abundance here in B.C.

Within half an hour, Haering had procured a small sample of the substance from a colleague in geology, and by mid-afternoon, he and his students had an operating battery.

“Since I knew nothing about batteries at the time, I didn’t really know how well or how badly it was working. But it seemed to be doing something. I mean it wasn’t just sitting there.”

What Haering had discovered was an entirely new kind of rechargeable battery — many times more efficient and lightweight than anything currently on the market. It is expected to make possible a host of new products, including electric cars, portable motorized wheelchairs and numerous miniaturized products that would depend on a lightweight, reliable power source.

In the seven years since that serendipitous afternoon, Haering’s makeshift battery made the journey from

his cavernous lab in the old Hennings Building to a production plant in Burnaby, B.C., where his Moli batteries are rolling off the production line and just now making their way into the marketplace. The plant employs more than 100 people, including staff at a sales and marketing office in Mississauga, Ont., and it farms out numerous development projects to Canadian consulting firms.

Until now, the path from the university research lab to the wheels of industry has not been well travelled. In North America, university researchers have traditionally pursued more esoteric areas of investigation where the thought of any practical application would be considered a hindrance.

Industry, meanwhile, has been left to make its own advances, however slowly. But as the economy makes its uncomfortable shift away from natural resources, and the world becomes inundated with high technology from countries like Japan, industry is being left behind. According to UBC’s Industrial Liaison Officer, Professor Jim Murray, industry is in dire need of a good push.

“If we’re going to preserve our own living standards, it’s absolutely essential that we make the transfer from a natural resource based economy to a more high tech industrial based economy.”

Murray, in fact, is part of a concerted effort on the part of UBC to bring technological innovation from university labs and put it to good use in industry. He keeps an eye open for people like Haering and brings their work to the attention of industry with a view to developing practical spin-offs. Conversely, he also represents industry’s needs to the university to further encourage this co-operative atmosphere.

In Haering’s case, the Moli Energy Corporation was jointly set up by himself and Teck Mining Corporation. UBC has an agreement in principle with Moli giving it an equity position in the company. While Moli’s controlling interests are currently held by a holding company, the Technology Development Corporation, Teck contributed over \$10 million in research and development. Other money came from government sources.

Another researcher, Dr. Lorne Whitehead, has actually left UBC to devote full time to T.I.R. Systems Ltd., a company that manufactures a product of his own invention: large gauge pipes which transmit light from an external, remote source. An efficient reflective prism configuration, made of plexiglass, is built inside the pipes enabling light to be transmitted for some dis-

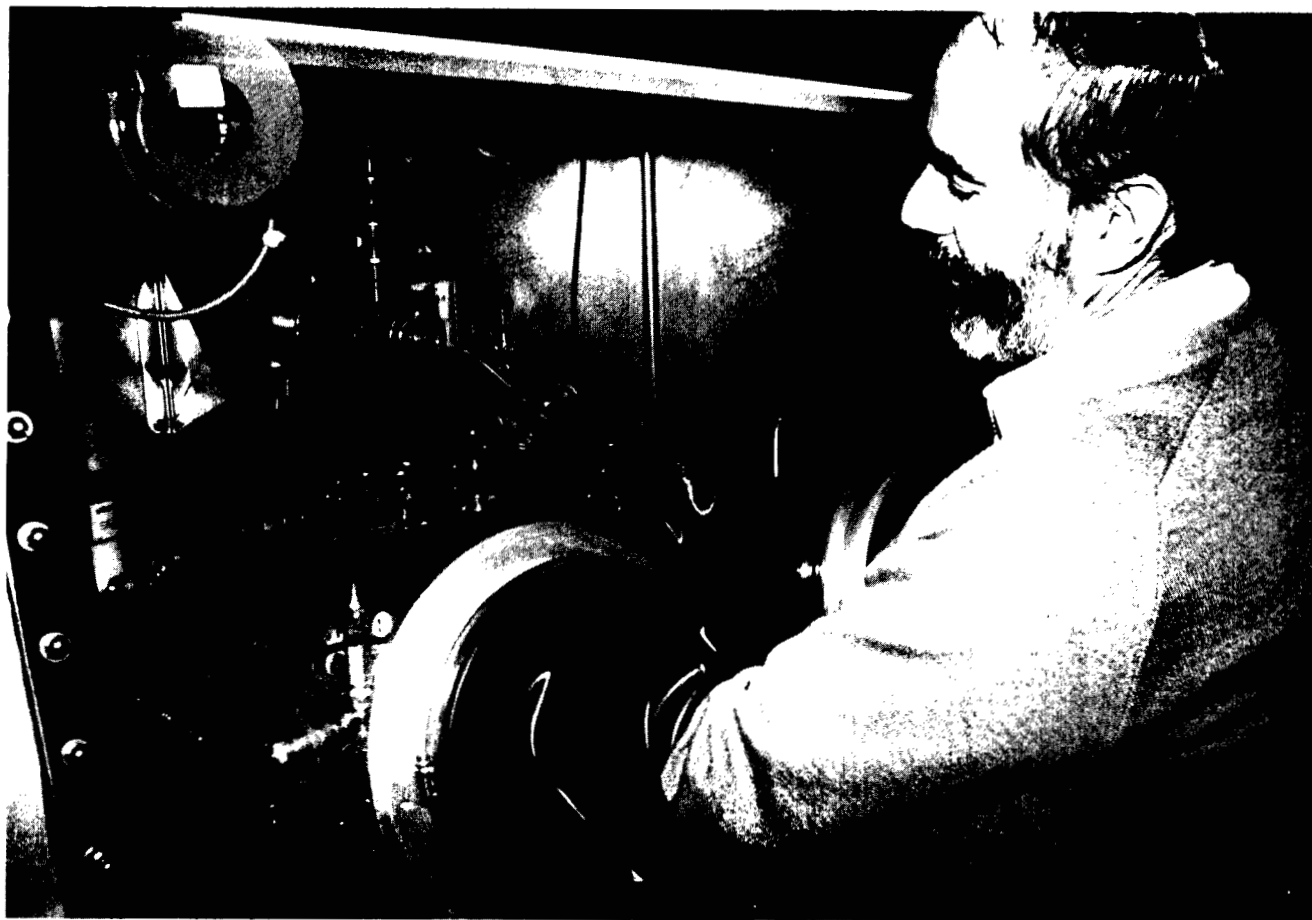


(Above) Dr. Lorne Whitehead, 29, manufactures and markets his prize-winning light pipes, which he developed as a UBC graduate student in physics.

(Below left) Dr. Peter Larkin, Associate Vice-President of Research at UBC, tries to encourage more industry-oriented research.

(Below right) Industry Liaison Officer, Dr. Jim Murray, brings UBC scientists into the corporate boardrooms.





At work in his UBC lab, physicist Dr. Rudi Haering tests the properties of his revolutionary battery.

tance. The pipes can be used in a number of industrial applications, including cold storage lighting systems, and lighting areas with high explosives where a burst light bulb could trigger an explosion.

Whitehead came up with the idea for the light pipe six years ago, while working on his MSc in low temperature physics at UBC. His lab in the basement of the physics building was notorious for bad lighting and he wanted some other way of bringing light in from outside the lab. The light pipe was the answer. Whitehead's ingenuity earned him the prestigious Ernest C. Manning award, worth \$75,000.

The venture capital for Whitehead's company came from a number of private investors. Prior to setting up the company, he received grants for the research and development stages of production.

The federal and provincial governments are both in the business of trying to get universities and industry together on research. Through granting bodies like the National Research Council (NRC) and the Natural Sciences and Engineering Research Council (NSERC), there is a plethora of grants, bursaries and incentive programs for such purposes. Not only is money being given to projects like Whitehead's and Haering's, but it is

paying for industry experts to upgrade their education at university or for joint research and development projects between the two sectors.

NSERC, in fact, almost doubled its budget for grants over the past four years, raising it to \$290 million. The agency's University-Industry Program, which funds co-operative research and development projects, was tripled last year to \$10.9 million.

And if a federal task force has its way, there will be even more money available for this type of research. The Task Force on Federal Policies and Programs for Technological Development recommends that Ottawa pay the full cost of university research with industrial application — including overhead costs which are usually picked up by the university. The report also recommends a 50 per cent tax credit on costs for company R&D programs carried out on their behalf by university research teams.

While the report was commissioned by the former Liberal government, indications are that the Conservatives are favorably disposed towards the recommendations.

The availability of all this money could mean a windfall to university scientists, but many caution that too much of this kind of funding could be dangerous. Industrial

research, by academic standards, is short-term and mission-oriented — it sets out to answer a specific problem. What is considered purely theoretical, long-term research may not have any practical application, but it can yield insights into a field of study that may represent a major breakthrough.

UBC's Dr. Haering agrees on the importance of applying university know-how to industry problems, but he fears an overabundance of these grants could create real dilemmas for scientists unable to get funding for what he calls "curiosity-oriented research" — the long term kind.

"If the money is unavailable for curiosity-oriented research, the scientist may be forced to accept funding for industrial research just to keep working. It's a carrot and stick approach to try to lead the scientific community in a perceived direction. The trouble is, the people who hand out the money don't know which direction that should be.

"The most interesting things often come quite unpredictably. My battery did not come from directed research. No one sat down and said, 'I want to make a better battery.' It in fact came out of a curiosity-oriented research program."

Dr. Peter Larkin, UBC's Associate Vice-President of Research, says there

More Good Tech at UBC

The University of British Columbia is involved with a number of other projects involving and extending modern technology.

Engineering Students Try to Build a Better Car

An idea for an innovative vehicle design competition, proposed by UBC engineering students in 1982, has been endorsed by Expo 86.

UBC student organizers hope to have 40 to 50 entries from engineering student groups in a dozen countries by the entry deadline of January 31, 1985. An 11-student UBC team, separate from the organizers, is currently testing its entry in the contest. The UBC car will have a diesel engine modified to burn B.C. natural gas, a turbocharger and a hydraulic drivetrain that eliminates the transmission, driveshaft and differential.

Expo 86 has guaranteed prize money of \$250,000, to be used for scholarships, says Jeff Leigh, who heads the student group organizing the competition. Another \$20,000 is available for seed money, to help students in the initial design stage.

Leigh says the vehicles must be capable of carrying at least two people, with storage space, and must be licensed in their home country, state or province. They will be judged primarily on innovation, he says.

One of the goals of the competition, Leigh says, is to review the purpose and function of the modern automobile, "the design of which has not changed, in its basic elements, in 60 years."

Artificial Intelligence at UBC

An aerial view of UBC, as seen through computer "eyes" was printed in the April, 1984 *Scientific American*.

The pictures, which mimicked the view a human would have of the campus, were the result of research by Dr. Robert Woodham, an associate professor of forestry and computer science, who has been experimenting with computer and robotic vision systems.

Woodham is but one of six UBC scientists on a Canadian artificial intelligence team put together by the privately-sponsored Canadian Institute for Advanced Research. The institute is trying to catapult Canada into the lead in the fiercely competitive international computer industry. The institute's specific interest is artificial intelligence and robotics — in other words, the information to make decisions and the ability to carry out actions based on those decisions.

Other groups of scientists are located at McGill University and the University of Toronto.

UBC's team is a varied one. Besides Dr. Woodham, there are Drs. Raymond Reiter (the team co-ordinator), Alan Mackworth and William Havens, all computer science professors, and Drs. Anne Treisman and Daniel Kahneman, psychology professors.

Lifestyle Referral Project

UBC's Lifestyle Referral Project, operated by the University's School of Physical Education and Recreation, is a computerized data base of more than 500 Lower Mainland agencies and programs. There are services for weight control, nutrition counselling, smoking cessation, stress management, alcohol control, accident prevention, fitness, yoga and others. ■

— Terry Lavender

is little danger that theoretical research will be pre-empted at universities by practical research.

"Sure. You can't tell professors what to do. All you can do is say this kind of money is available. If some professor says, 'You know, I just don't choose to do contractual research for industry,' that's fine. No one's forcing them to do anything. You fertilize initiatives, you don't legislate them."

Haering, meanwhile, has benefited from mission-oriented research money and he says there is a great need for the transfer of technology from the universities to industry. "We haven't been good at transferring technology into industry. Too many good things at this university merely end with the publication of a paper.

"I believe UBC should foster a relationship with companies like Tech Mining, companies that are willing to take risks up front on interesting research."

Now that Moli Energy is on its way, Haering is beginning to think of other things. While there is still development work to do for the company, he says he'll resume his other research at UBC one of these days. What will his subject be?

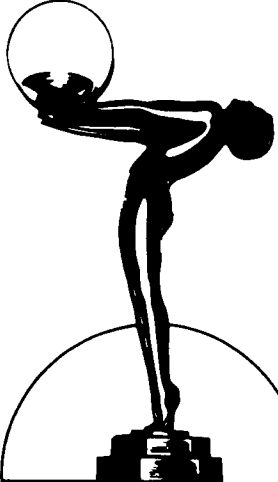

"Well, you know I still don't really know what makes that battery tick." ■

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Ladies and Gentlemen . . . The University Singers!

By Terry Lavender

"The best-kept secret around UBC" is how David McLean, chairman of the UBC board of governors, once described the University Singers. And the music department choir certainly lives up to the billing.

The Singers have won two CBC mixed adult choir competitions in the last five years — including the 1984 competition, and have come second, unofficially, in the British Broadcasting Corporation's "Let the People Sing" international competition. They regularly tour British Columbia, performing in small communities throughout the province, they did a tour of Ontario and Quebec last year, and next year they hope to sing in sev-

eral German cities. Many members of the choir go on to the Vancouver Chamber Choir, Vancouver Cantata Singers or to a career as singers outside Vancouver.

Yet they receive less publicity than even the worst of the Thunderbird sports teams.

Choir director James Fankhauser is trying to change that. Fankhauser, a professor of music at UBC and also director of the Vancouver Cantata

Singers, feels the University Singers can help raise the University's profile and promote good feeling towards UBC by performing more in the community.

"The University Singers are one of the few things the University can offer the community. We can't traipse the sociology students out and do a mass sociology reading, but we can send the Singers out into the community."

The Singers have gone out into the community in the past — in a series of concert tours of the Interior and Vancouver Island co-sponsored by the music department and the UBC Alumni Association. Thousands of B.C. residents took the opportunity to attend those concerts in the late 1970s and early 1980s, and information on the University was available at the concerts.

However, Fankhauser says there is an opportunity for the Singers to expand their audience, and enhance the University's reputation. He adds that "all campus performing groups of any size should do this sort of thing."

He envisions the Singers performing at fundraising dinners off-campus, but says the choir does not have the time right now.

"We'd like to do more, but all our energy goes into our own money-raising activity right now."

The 39-member choir (the number varies between 35 and 45, usually depending on the number of tenors available, Fankhauser says with a smile), is raising money for a planned tour of Europe next year. The \$1,000 prize from the CBC competition will help pay for the trip, which is scheduled to take place after spring exams. The choir will perform mainly in Germany, with perhaps some engagements in adjoining areas of France and Austria. Invitations to perform have already been received from Munich and Stuttgart, and Fankhauser expects the choir to perform in several university cities in Germany.

"They take their choral singing very seriously over there."

Fankhauser looks forward to the chance to perform in some of the European churches — where acoustics are generally better than in Canada.

"The students could hear what music really should sound like."

He says the tour of Ontario and Quebec (an exchange with the University of Western Ontario music faculty) exposed the choir members to an older, more established music department, "which helped raise our rehearsal energy level here." The European tour would have a similar effect, Fankhauser believes.

One way of raising funds for the European tour is through a Christmas



dinner, scheduled for Hycroft House, on December 8. At the dinner, members of the choir will serve the meal, as well as sing for the dinner guests. There were 100 guests at last year's successful dinner. Tickets for the dinner are \$100 a plate, and information is available by calling the UBC Music Department, 228-3113.

The UBC music department — and the University Singers — are relatively young. The department celebrates its 25th anniversary this year, while the University Singers were not formed until the 1960s, when they were split from the larger University Choral Union. The University Singers did not begin touring until 1978.

The University Singers are but one of several ensembles sponsored by the music department. The others include the University Choral Union, University Chamber Singers, University Symphony Orchestra, University Wind Symphony, University Opera Workshop and Theatre, the Contemporary Players, the Stage Band, and the department's Collegium Musicum Ensembles.

All music students are required to participate in the large and small ensembles — either choral or instrumental — sponsored by the music department. Participation in each ensemble counts as the equivalent of a course (the University Singers, for example, are listed in the 1984-85 UBC Calender as Music 153, a one credit course requiring four hours of workshop each week in both terms).

There is consequently no shortage of talent for the Singers, but with the year to year turnover among students, Fankhauser says the University Singers lack stability. "If we had a more stable group, we could build a lot better."

But that is a minor complaint. With a third album recently released (all three are available through the department at \$10 each), a more active role in the community, and the BBC competition and European tours coming up, the University Singers are looking forward to a future when UBC's best-kept secret will no longer be a secret.

Several UBC ensembles will participate in a gala concert at the Orpheum in Vancouver on March 1, 1985, celebrating the music department's 25th birthday. Soloists at the concert will include pianist Robert Silverman and mezzo-soprano Judith Forst. Revenue from the concert will help establish a Twenty-fifth Anniversary Scholarship Fund. People who donate \$25 or more to the fund will receive complimentary preferred seating at the concert and other benefits, says Dr. William Benjamin, head of the music department. Contact Dr. Benjamin at 228-2079 for further details. ■

Calling "Untidies"

By Peter C. Newman

Inevitably, we were known as "untidies" — but even if the regulars (we called them "pusser types") made fun of us, being a member of the University Naval Training Division in the 1950s and '60s was a rare experience.

Most of the week we were ordinary campus cats, trying our best to baffle the professors who marked our essays, but one night a week, like Superman in his phone booth, we would change into our uniforms (then a dignified navy blue) to attend drill at the nearest naval reserve division.

In those days, the Royal Canadian Navy still had ships with boilers that worked, and those of us who shared a sense of adventure with the sea found the training relatively painless and even exhilarating. (How else could you get to Bermuda or Hawaii on a three-week sea excursion and get *paid* for it?) Yes, the summers were best, because that was when we took off for either Halifax or Victoria to earn our sea time.

What we learned had little to do with war, consisting mainly of navigation, early morning calisthenics, morse code, more calisthenics, semaphore, how to march without tripping over your own feet, and even more relentless arm-waving and "character-building" pushups.

It all came under the heading of trying to make the grade so that at the end of four years, along with our degrees, we could be commissioned as Sub-Lieutenants in the RCN (Reserve). A few joined the real Navy; most of us marched off into full-time civilian occupations. To earn our commissions, we first had to pass a somberly-conducted "selection board". For some reason which annoyed me then and annoys me a lot more now, the standard method for finding out whether each aspiring young officer kept up with current events was to inquire whether he regularly read *Time* magazine. Hardly an ideal test for swearing loyalty (presumably unto death) to the preservation of Canadian nationhood — but I know of only one cadet who beat the system. Robert Perry (later managing editor of *The Financial Post* and at the time the young stringer for *Time* in Winnipeg), upon being asked the same old question, drew himself ramrod stiff and replied: "Sir, in Winnipeg; *I am Time magazine*." He not only made the grade but was given command of a training ship one summer in the Great Lakes tour.

Well, those days are long gone (as is the Royal Canadian Navy) but in the summer of 1985, as part of the 75th Anniversary celebrations of the Navy's founding, the UNTD is planning regional get-togethers in Toronto, Montreal and Winnipeg, as well as national reunions in Esquimalt and Halifax.

To plan these events — which will include tours of ships, splendid mess dinners with distinguished guest speakers plus formal briefings and informal yarns — we are trying to contact former members of the UNTD. Preliminary mailings have gone out — but so many addresses have changed so often that we're not getting individual invitations to enough people.

If you were a member of the UNTD (and there are 6,000 of us) and if you're interested in attending one of the 1985 reunions (with or without your wife or current lady), please write to: The Maritime Command Museum, Admiralty House, CFB Halifax, NS, B3K 2X0.

(Peter C. Newman, is the former editor of Macleans and author of several books, including The Canadian Establishment and The Acquisitors. He is a member of the UNTD reunion committee and a commander in the Naval Reserve, besides being a former UNTD member.) ■

Intrepid Alumni Team in Arts '20 Relay



Members of the alumni team entered in the October 18, 1984 running of the Arts '20 Relay Race pose with some of the runners from years gone by. The weather was perfect for this year's race, which retraces the original route of the 1922 Great Trek.

Photo: Eric Eggertson

These Grads are Really Cooking

Two UBC graduates have published two very different cookbooks recently: *Good Food, Good Friends*, by **Carol Cooper**, MSW'70, and Huguette Khan, celebrates co-operative dinner parties and includes some rich and exotic recipes, while the *New Canadian High Energy Diet* by **Sandra Cohen-Rose**, BHE'58, is a book of diet recipes emphasizing bread and potatoes. Montreal freelance writer Sonya Ward takes a look at Sandra Cohen-Rose and her theories of nutrition, while *Chronicle* Assistant Editor Terry Lavender samples the wares in *Good Food, Good Friends*.

Moules setoises, stuffed with spicy pork filling and sauced with herbs and tomatoes flavored with aioli, the garlic-rich mayonnaise from the south of France.

Ambrosia, maybe, to those who dine out, but anathema to dietician-nutritionist **Sandra Cohen-Rose**, BHE'58, and her cardiologist husband Colin Penfield Cohen-Rose.

Sandra runs a private nutrition clinic from her townhouse in Montreal.

"My way of dieting is geared especially to the intelligent executive," she says. She has recently written a book, *The New Canadian High Energy Diet*, in which whole grain breads and the humble potato take centre stage.

In this nutritionist's special domain, vegetables are treated with tenderness. They are gently parboiled, crisply served

with a little butter. Her bread is home-made from whole grains of all kinds; her meat is lean and carefully selected from a favorite butcher; her chickens grain fed, and her fruit fresh, scarcely off the tree.

This no-nonsense dietician has heard every diet misconception in the book. She finds, for example, that some people believe that a steak is a good thing to eat when dieting.

Wrong. "Steaks are extremely high in calories and high in fat. Bread and potatoes are always pushed aside by dieters, yet those foods are low in calories and filling to boot."

Sandra counsels her clients on basic nutritional rules, and teaches them that it is possible to eat all the things they love, providing they eat less of them.

Contrary to popular opinion, it's easier to diet in a restaurant than at home, because of the wide choice of foods available, says the nutritionist.

A copy of the *Roses'* diet book (\$22.50) includes everything you need to know about nutrients, complex carbohydrates, calories, etc. The book contains three basic diet plans: the Bread Lovers' Diet Plan, the Incurable Meat Lovers' Diet Plan and the Super Bread Lovers' Diet Plan. There are also diets for children and pregnant women.

In *Good Food, Good Friends*, (Penguin, \$12.95), UBC grad **Carol Cooper**, MSW'70, and Huguette Khan have provided a valuable aid for people interested in organizing a co-operative dinner party.

Such parties can be a pain. Sure, it's fun to have everybody bring a separate dish for

a dinner, but it is also hard work coordinating a menu and making sure that everybody does their fair share of the work. And last minute preparations have all the potential for comic-tragedy as three or four people crowd into the kitchen, all frantically reaching for the salt, or trying to change the oven setting because *their* soufflé needs baking, never mind if *your* crab meat-stuffed mushroom caps have to be broiled.

But it's Cooper and Khan, two dinner club enthusiasts from Mississauga, Ont., to the rescue, with a well-organized, comprehensive guide to the increasingly popular world of dinner clubs.

The dinner club is a simple idea: a group of people get together regularly for a dinner where each guest or couple is responsible for a different part of the meal. The person hosting the meal makes the main course and organizes the affair, while other people bring dessert, hors d'oeuvres, and side dishes.

Each recipe in *Good Foods, Good Friends* is in two parts — what can be prepared ahead of time, and what has to be prepared at the scene of the dinner party. There is a time and temperature chart at the end of each menu, which tells you when to put each dish in the oven or on top of the stove, and at what temperature.

The only problem with the book is the absence of suggestions for a wine or other beverage to be served with each meal. As the authors note in the introduction, the menus can also be used to prepare a complete dinner party yourself, if you're not keen on co-operatives. ■

Memorial Scholarships Established

A fund has been set up in honor of **Dorothy Blakey Smith**, BA'21, MA'22, DLitt'78, (MA, Toronto, PhD, London), who died on December 10, 1983. The money collected will be used to endow a prize to be awarded to an archives student at the University of British Columbia.

Friends who wish to send donations may send them to the University of British Columbia, care of Byron Hender, Awards Office, University of British Columbia, GSAB Room 50, Vancouver, B.C. V6T 1W5. Please add a note that the donation is towards the Dorothy Blakey Smith Fund.

Funds have been raised in Canada by friends, colleagues and former students of Professor **Robert McKenzie**, BA'37, to establish an annual award in his memory at the London School of Economics for a candidate for a Master's or research degree. Applicants should have a first degree from a Canadian university.

The value of the award will be \$3,000 (Canadian) and may be held concurrently with others, providing that the total awarded for fees and maintenance, including the Robert McKenzie Canadian Scholarship, does not exceed 7,000 pounds in 1985-86.

Application should be made to The Scholarships Officer, London School of Economics, Houghton Street, London, WC2A 2AE. Closing date for receipt of applications for the year 1985-86 is March 1, 1985.

Alumni Rise to the \$334,000 Challenge

By Pat Pinder

In September we announced our goal of \$334,000 for our scholarship and bursary endowment fund. We asked for your generous support because every dollar you give now for this purpose generates two more dollars. The Vancouver Foundation and the University have both agreed to match, dollar for dollar, each donation to this fund, up to \$333,000.

UBC alumni and friends are rising to this challenge. The number of contributions to this fund is up 27 percent over this time last year, while the amount contributed is up 39 percent.

We still have a long way to go — \$160,632! But if you who have not yet responded will now match in speed and generosity those who have, we will make it. And when we do make it, this will be the most significant victory in the history of our Alumni Fund. ■

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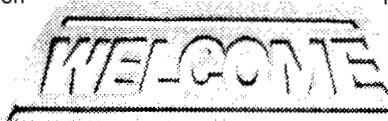
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Alumni Activities

Reunions: 1985 is the year for reunions for the classes of 1925, 30, 35, 40, 45 and 1950. It's time for the 25-year reunion for the class of 1960 and 10-year reunion for the class of 1975. Anyone interested in helping should contact the Alumni Association. There's no need to hold an entire class reunion — how about just your particular faculty? Talk to us for help with any arrangements.

Divisions: Welcome two new divisions, Family and Nutritional Sciences. Anyone interested in helping with these divisions should contact the Alumni Association.

The Medicine Division has now been formally constituted.

Mark *January 31, 1985* in your calendar if you're interested in holding divisional or other special events. A spaghetti dinner will be held at 5:30 p.m. at Cecil Green Park that day for those interested in the "how to" of special events, including such details as budget, preparation and making a profit for operating expenses. Contact Liz Owen or Pat Pinder at the Alumni Association for further details.

Branches: Thank you to those people who said that they would like to help with the organization of branches. Anyone else interested? We will be contacting those who have replied shortly. If anyone is interested in a branch for their particular faculty, we may have a division to support you.

Phonathons: Rehab Medicine, February 18; Social Work, March 4; Commerce, March 18, 19, 20, 1985.

A big thank you to all our volunteers for their efforts during 1984. We look forward to working with you again in 1985. It's been fun getting to know so many new alums.

— Liz Owen

Briefing for the Real World

Several campus groups will participate in a series of seminars on employment, money and business skills for graduating students from January 23 to 25, 1985. Among the proposed participants are the Alma Mater Society, the Alumni Association, Student Counselling, the Women Students Office and the Canada Employment Centre on campus.

Planned seminar titles include: per-

sonal goals and career planning, writing a resume, job search techniques, interview skills — how to sell yourself, talks on job opportunities in various fields, developing your own business, job demand in the 1990s, how to deal with rejection, paying back a student loan, working in an office — how to deal with people, women in the labor force, volunteer work, is it worth moving to find a job, and several others.

For further information, call the Alma Mater Society at (604) 228-2901.

Alumni Awards

Each year the Alumni Association's awards committee seeks candidates for its three major awards:

The Alumni Award of Distinction goes to UBC graduates who have distinguished themselves in their chosen careers. The Honorary Life Membership in the Association goes to a non-UBC graduate who has achieved national recognition in her or his field. The Blythe Eagles Volunteer of the Year Award goes to someone who has contributed extraordinary time and energy to the Alumni Association.

If you would like to nominate anyone for the above awards, please write to Peter Jones, Executive Director, at Cecil Green Park, including as much information as possible on your nominee.

Be sure to include your full name, address and phone number.

Call For Nominations

The Spring 1985 edition of the *Chronicle* will contain ballots for elections to the Alumni Association's Board of Management.

Graduates will elect a vice-president and a treasurer for one-year terms and six members-at-large to the Board of Management for two-year terms. The vice-president automatically becomes president in the following year.

All UBC graduates are eligible for these positions. To be nominated, you must send your name, address and year of graduation, along with a brief statement of your willingness to run and the signatures of five nominators who are also graduates of the University.

This information should reach Cecil Green Park by January 31, 1985.

Executive Director ■



Spotlight

20s

"I have been planning for years to write a short note to the UBC Alumni *Chronicle* but somehow lethargy intervenes", writes **Harold Offord**, BA'24, MA'25, from his home in Berkeley, California. He says there used to be an active UBC group in the Bay area. The *Chronicle* would love to hear from any other grads in that area!

30s

Robert F. Osborne, BA'33, BEd'48, the first director of UBC's School of Physical Education and Recreation, received a "Just Desserts" award from UBC's Physical Education Undergraduate Society on October 17, 1984. Other winners in the first annual awards ceremony, hosted by the Alumni Association and billed as "an opportunity for (UBC) constituencies to thank a few of the people who have supported them", included **Bruce Larkin**, BSc(Agr)'80, **Colin C. Gourlay**, BCom'47, **John Diggins**, BSc'68, DMD'72, **Bill Richardson**, BASc'83, **John G. Worrall**, BSF'63, **Jan Peskett**, BHE'65, **Terry H. Brown**, BSP'49, and **Joanne Stan**, BSR'70, MEd'81, who received the awards from their respective student undergraduate societies.

40s

Just because **W. H. (Bill) Barton**, BA'40, LLD (Mount Allison), retired as Canada's ambassador to the United Nations in 1980, doesn't mean he has stopped working. He's been involved in a number of UN-related activities since then, and was recently appointed chairman of the board of directors of the newly-created Canadian Institute for International Peace and Security. . . . After 24 years, **Dr. Cal Chambers**, BA'49, has left St. Paul's Reformed Episcopal Church in New Westminster to serve the Capital View Community Church in Ottawa. . . . The Agriculture class of 1949 celebrated their 35th reunion in Victoria recently. Among the 44 people attending the event were **Don Weatherill**, **Bus Elsey**, **Fred Larson** and **Art Woodland**, who recently retired from duties with the United Nations Food and Agriculture Organization in the Philippines. **Don Fisher** has been largely responsible for keeping the class reunions going year after year.

50s

Oliver Howard, BA'50, is the author of *Godships*, a book celebrating 100 years of United Church mission boats on the West Coast. . . . **Anna Cecile Scantland Lund**, BA'55, has received her MA from California State University. She's the author of two books, a novel about the treatment of Japanese in Canada during the Second World War, and a treatise on universal suffrage in Canada. . . . Winner of a Common Wealth Award of Distinguished Service in Science and Invention is **Dr. Robert P. Langlands**, BA'57, MA'58, PhD (Yale), of the Institute of Advanced Study in Princeton. He received the award for his achievements and contributions in the development of mathematics, specifically number theory and group representations. . . . **Eleanor E. (Higham) Leeson**, BSc'59, is a chemistry supervisor at Dominican Hospital in Santa Cruz, California. She recently attended a health care conference in the Soviet Union.

60s

June M. Whaun, MD'60, is a research hematologist with the Walter Reed Army Institute in Washington, D.C. . . . **David G. Butler**, MSc'61, a professor of zoology at the University of Toronto, has been elected a fellow of the Royal Society of Arts. . . . **Peter L. Eggleton**, BASc (Mech)'61, is science and technology counsellor at Canada's embassy in Japan. . . . Former UBC mechanical engineering professor **Bob McKechnie**, BASc'62, is now pursuing interests in consulting and cottage brewing. . . . **Brian R. Leslie**, BASc'64, has been elected vice-president and general manager of Ingersoll Steel. He has been with the company since 1979. . . . A third book of hockey cartoons, *Hockey is a Funny Game, Book III*, by **Merv Magus**, BEd'64, the cartoonist for the *Canucks Magazine*, has been published. The \$3.95 book is sold by the *Canucks* souvenir shop and is nationally distributed. . . . **E. T. "Ned" Easton**, BCom'67, and his wife **Anne (Gibson) Easton**, BEd'67, own and operate a meat, fish and delicatessen store in Esquimalt. They have two children. . . . **Peter T. Spelliscy**, BCom'67, is the new vice president, human resources and communications, for Suncor Inc. . . . **John Barratt**, BCom'68, and **Jennifer Barratt**, BEd'70, are living in Mississauga, Ont., with their two sons, Jeffrey and Jordan. John Barratt is senior vice-president, Continental Bank of Canada, and Jennifer

has returned to part-time teaching. . . . *Chronicle* Editorial Committee member **Peter Jones**, BA'69, formerly account supervisor with Simons Advertising Ltd., is now client services manager for the public relations firm of Burson-Marsteller. . . . **Margaret J. (Cotton) Little**, BA'69, is taking a computer technology course at Kwantlen College. . . . There's a new book out by **Stan Persky**, BA'69, MA'72, author of *Son of Socred*, *Bennett II*, and other political writings. His latest work is *America, The Last Domino: U.S. Foreign Policy in Central America Under Reagan*.

70s

Arthur Meads, BA'71, is head of the Alberta College of Art in Calgary. . . . **Geoffrey J.W. Thomas**, BA'71 (LLB, Wales), is president of Big Brothers of Salmon Arms and president of the Salmon Arm Food Bank Society. . . . **Alan M. Cartwright**, BA'72, is teaching in Norman Wells in the Northwest Territories. . . . **Eva (Hitchen) Derton**, BSc'72, married Dave Derton on September 4, 1984, and moved to Mission, B.C. She's a lab technician at Simon Fraser University. . . . After 15 years at B.C. community colleges, **David Harrison**, MED'72, PhD (Arizona), has joined the national office of the Certified General Accountants Association, where he'll work on professional curriculum and examinations. . . . 1984 is the year for books about George Orwell, including *Orwell: The Road to Airstrip One* by UBC political scientist **Ian Slater**, BA'72, MA'73, PhD'77. Actual publication date is January, 1985. . . . After a two year teaching contract in Brisbane, Australia, **Sharon Siddall**, BEd'73, is now a teacher of the learning handicapped in Antioch, California. . . . **Joanne Daly**, BPE'74, is back with the Vancouver School Board after teaching in Nigeria from 1980 to 1982 and Greece from 1982 to 1983. . . . **Ernest Ingles**, MLS'74, has been appointed university librarian at the University of Regina. He was formerly chief executive officer of the Canadian Institute for Historical Microreproduction. . . . **Steve Wong**, BSc(Agr)'74, is a horticulture instructor and department head at Cariboo College in Kamloops. . . . An appointment as vice-president of client services for B.C. Systems Corp. in Victoria in June, 1984 "topped off a great year" for **Nancy Greer**, MA'75, Dip-Ed'77. Another highlight of the year was the birth of a son, Christopher Adam, in August, 1983. . . . **David M. Bodnar**, BPE'76, MPE'80, is manager for sport development at Sport B.C., after serving as a coach with the Canadian national ski team. . . . **Rick Longton**, BASc'76, recently received his MBA from the Owen School of Management at Vanderbilt University in Nashville. . . . Patrick T. Buchannon, BA'77, is in his fifth year as co-ordinator of residence programs with Student Housing at UBC. He is active as vice-president of the Association of Administrative and Professional Staff on campus and president of the Association of College and University Housing Officers, Northwest Region. . . . "Singapore Report" is what **Trish Goold**, BSR'76, and her husband call the newsletter they send to friends and acquaintances from their home in

Singapore. According to Volume 1, No. 3, Trish, an occupational therapist, is expecting their first child in January. . . . **Barbara Graves**, BEd'76, married Barton Shoemaker on August 25, 1984. She teaches phys ed at South Delta Senior Secondary. . . . **Alan Guilbault**, BAsc (Electrical)'76, and **Pam Taylor**, BEd'83, have tied the knot. . . . Writers need to be optimists, so it isn't surprising that **A. Delany Walker**, MFA'76, is working on her fourth novel after failing to sell her first three. When she isn't writing, she's teaching at the women's college at King Saud University in Saudi Arabia. . . . **Dave Cocking**, BA'77, BLA'83, has formed his own landscape consulting firm in Vancouver. . . . **Patricia Emery**, BSN'77, is treasurer of the North Peace Community Resources Society and chairman of the Fort St. John child development centre. . . . **Leanna Marie (Wawryk) Garner**, BEd'77, was married in December of 1983. . . . **John**

Hannah, MEd'77, has retired from teaching in Vernon, and now lives in West Vancouver, where he enjoys being by the sea again. . . . **David W. Craig**, BAsc'78, is working on his PhD at Carleton University in Ottawa. . . . After marrying Monica Fedosiewicz on August 3, 1984, **Lyle Grauer**, BSc'78, is developing medical software for Burroughs Canada in Winnipeg. . . . **Susan Kennedy**, BA'78, and **Robert J. Macdonald**, BCom'80, were married recently. . . . **Kenneth A. Stephens**, BA'78, LLB'82, recently opened a law practice in downtown Vancouver. He says he has "an appetite for corporate, commercial and real property law". . . . **Jill Tomasson**, BA'78, marries David Goodwin in Toronto on December 8, 1984. Both are working on their PhD dissertations in English at the University of Toronto. . . . **Lewis J. Bartlett**, MD'79, is practising radiology in Abbotsford. . . . **Paul Clegg**, BCom'79, has been appointed supervisor,

grain sales and services, for C.P. Rail System Grain Office in Regina. . . . Sheep and dairy cattle geneticist **Anne McClelland**, BSc (Agr)'79, MSc (Guelph) is working for Agriculture Canada in New Zealand, where she's also doing her PhD.

80s

Shelley Globman, BA'80, married Martin Osipov, a University of Saskatchewan commerce graduate, on September 2, 1984. . . . **Brian Henry**, DMD'80, BSc (Alberta), MS (Maryland), took time out from getting all his degrees to marry Dr. Christine Collison on February 4, 1984 in Baltimore, Maryland. . . . **P. S. McCarter**, BSc'80, is a 3rd Officer on Canadian Coast Guard ships. A resident of St. John's, Newfoundland, he recently completed a two month trip to the Canadian arctic. . . . **Dawn Oliver**, BEd'80, married Jay Hope in North Vancouver on September 8, 1984. . . . **Craig Smith**, BPE'80, is teaching at the Coast Mountain Outdoor School in Pemberton. He spent 1983-84 teaching in northern Saskatchewan. . . . After two years on staff for Youth For Christ, **Robert Craigen**, BSc'81, married **Karen Bell**, BEd'81. She teaches junior secondary school in Williams Lake, B.C. . . . **Margot Aileen Anderson**, BSc'81, and **David L. Dyble**, BSc(Agr)'82, were married on September 10, 1983. . . . **Thomas Edward Ewing**, PhD'81, married Linda Son in Las Vegas, New Mexico, recently. He's a research associate, bureau of economic geology, at the University of Texas at Austin. . . . **Jerry Nanos**, DMD'81, has returned home to Victoria to open a new dental office. His daughter, Christy Laurel, was born on March 9, 1984. . . . **Doris E. Redline**, BEd'81, has just returned from "a great year" of teaching English at Peking University in China. . . . *The Whiz Kids* is the fourth computer book written by **Geoff Wheelwright**, BA'81. The London, England resident is keeping busy, with commissions for three more books, his own publishing company, and freelance journalism. . . . "I'm leaving for a healthier economic climate, Japan, to live and teach for two years and maybe longer," is how **Bernice Gray**, BA'82, described her recent departure from Vancouver. . . . **Tony Fogarassy**, BSc'83, may live in Calgary, but his mind is probably on Nova Scotia. He's a geologist for Shell Canada Resources Ltd.'s frontier exploration, Nova Scotia district. . . . **Preet Gill**, BSF'83, and **Suzanne Hawkes**, BSc(Agr)'84, were married October 6 in Maple Ridge. They've moved to Whistler where Preet is caretaker of the UBC Whistler Cabin. . . . **Naomi Pauls**, BA'83, is "back home!" as a museum technician for the Chilliwack Museum and Historical Society, after a year at the Alberni Valley Museum in Port Alberni. . . . **Joan (Buchanan) Woods**, BFA'83 and **Laurence T. Woods**, BA'83, MA (Queens), live in Vernon, B.C. where Joan teaches high school. . . . UBC Alma Mater Society President **Margaret Copping**, BA'84, has been awarded the Sherwood Lett Memorial Scholarship, worth \$3,500. The scholarship is given to a UBC student who most fully displays the all-round qualities exemplified by the late Chief Justice.



Stay in touch!

Name: _____ Degree, year: _____

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How are you doing? Is there a new job, a marriage, a birth, or any other news you feel might be of interest to your former classmates? Use the space below to share your news:

Would you like to get more involved in alumni and university activities? Mark your areas of interest below. (If you live outside the Lower Mainland you can still get involved! Just fill in your phone number and we'll get you in touch with your local alumni branch.)

_____ reunions _____ organizing _____ promotion _____ fundraising

_____ (other). Contact me at: business _____, home _____

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Spouse's name (if UBC graduate) _____

BIRTHS

Don B. Allen, BAsC'67, and Nancy Allen, a daughter, Jessica Christine, July 19, 1984. . . . Eckart Adam, BA'75, and Gloria Adam, a son, Greg, May 31, 1984, a brother for Derek. . . . Thomas Baumeister, BSc'79, DMD'83, and Brenda (Hobbs) Baumeister, BSN'80, a daughter, Mia Biehler Nicola, May 15, 1984 in Terrace. . . . Anne (Chamberlain) Epp, BEd'77, and Ronald Epp, BCom'79, a daughter, Kristina Lynn, October 11, 1984. . . . Barbara (Verchere) Estey, BSN'76, and Ronald Estey, BSc'66, a son, Anthony, August 27, 1984 in Vancouver. . . . Donald Furnell, MSc'2, and Susan Yates, MLS'83, a daughter, Rebecca Mollie Rose, September, 1983, on Gabriola Island. . . . Richard Grainger, BAsC'81, and Anne (Ratcliffe) Grainger, BEd'84, a son, Thomas Harold, October 1, 1984 in Campbell River. . . . Sean Hogan, BA'69, LLB'72, and Becky (Friesen) Hogan, BA'71, a son, Liam Michael, February 16, 1984, a brother for Cara, Keely and Shea. . . . Alan Hobkirk, BA'74, LLB'79, BA (Oxon), and Susan Hobkirk, BSW'77, a son, Michael Donald, July 8, 1984. . . . Don Johnson, BA'73, LLB'77 and Judi (Bonthoux) Johnson, BEd'73, a son, Graham Brent, June 9, 1984 in Kelowna. . . . Mitch McCormick, LLB'70, and Consti (Phillips) McCormick, BSW'78, a daughter, Natalie Cheyenne, June 29, 1984. . . . Alice B. Gilbert Millar, BHE'78, and Daniel J. Millar, BSc'78, a son, Adam Thomas, September 4, 1984, a brother for Jamieson. . . . Anne (Raie) Moody, BA'74, MSc'78, and Robert Moody, BSc'75, MSc'78, a daughter, Elisabeth Rose, September 29, 1984. . . . Jeanette Owen, BEd'71, and George Owen, a daughter, Jennifer Nicole, August 13, 1984. . . . Harold Quesnel, MSc'80, and Sonya (Freitag) Quesnel, BSc(Agr)'79, a son, Paul Michael, July 4, 1984. . . . Elizabeth (Wellburn) Reichenback, BEd'76, and Gerald Reichenback, BSF'79, a daughter, Caroline Hilda Margaret Marie.

UBC in Parliament

Among the 282 men and women elected to the House of Commons in the September 4 federal election were eight UBC graduates: Pat Carney, BA'60, MA'77 (PC — Vancouver Centre); John Fraser, LLB'54 (PC — Vancouver South); Walter McLean, BA'57 (PC — Waterloo); Jim Manly, BA'54, MA'76 (NDP — Cowichan-Malahat-Islands); Nelson Riis, BEd'67, MA'70 (NDP — Kamloops-Shuswap); Svend Robinson, LLB'76 (NDP — Burnaby); Ray Skelly, BA'67 (NDP — Comox-Powell River); and John Turner, BA'49 (Lib — Vancouver Quadra).

Carney, Fraser and McLean have been appointed members of the Progressive Conservative cabinet, Carney as Minister of Energy, Fraser as Fisheries Minister and McLean as Secretary of State. Turner is official leader of the opposition.

Five former alumni MPs will not be back in the new parliament: Roy McLaren, BA'55, a Liberal cabinet minister, was defeated in his bid to retain his riding of Etobicoke North; Mark Rose, BSA'47, resigned his Mission-Port Moody seat in 1983 to successfully run for the NDP in the



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provincial election; and Progressive Conservatives **Ron Huntington**, BSA'46 (Capilano); **Don Munro**, BA'38 (Esquimalt-Saanich) and **Doug Neil**, LLB'50 (Moose Jaw) decided not to run again for office.

Though John Turner may no longer be Prime Minister of Canada, there still is a UBC graduate who can call himself Prime Minister: **James Fitz-Allen Mitchell**, BSA'55, prime minister and minister of finance and foreign affairs for the Caribbean nation of Saint Vincent and the Grenadines. Mitchell founded his New Democratic Party in 1975, and in elections on July 25, 1984, it won 9 out of 13 seats.

A member of parliament since 1966 and a former cabinet minister and member of the Cato St. Vincent Labour Party, he served as prime minister once before, between 1972 and 1974 when the country was ruled by a coalition government.

St. Vincent and the Grenadines lies in the eastern Caribbean and is almost totally reliant on its banana crop. About 110,000 people live on the 150-square mile island.

Mitchell is married to a Canadian, Patricia Parker, from Toronto. They have three daughters. He last visited UBC in 1981, when he paid a courtesy call on his old microbiology professor, Dr. David Laird.

In Memoriam

Charles B. Archibald, BASc'41, February 11, 1984.

John Mervyn Boucher, LLB'50, September 7, 1984. The former mayor of Sechelt, B.C.

(1979-80), he was very active in that community until his death. He is survived by his wife Mardi, sisters Olive Baker of Parksville and Phyllis Fleming of Seattle and brother Stuart of Delta.

Cameron Gorrie, BA'36, August 7, 1984. **Kingsley F. Harris**, BCom'47, BSF'48, September 28, 1984. He served in the RCAF in the Second World War, and was later active in B.C.'s forest industry until his retirement in 1969. He was an active volunteer with the UBC Alumni Association from 1959 to 1961 and the Canadian Institute of Forestry. He is survived by his wife Juanita and five children.

Syad M. Hosein, BA'59, MEd (Toronto), April 19, 1984. He was on the staff of Hillside Secondary School in North Vancouver at the time of his death. He is survived by his wife Lois, son Sean and daughter Erin of North Vancouver, and sister Khairon of Trinidad. A memorial scholarship fund has been established by family and friends and is being administered by the North Vancouver Lions Club.

Katherine McKay, BEd-E'62, September 1984.

Bruce Edward Neighbor, BSF'50, September 16, 1984.

Laurie J. Nicholson, BA'33, BASc'34, 1984.

Agnes Alexandra (Jardine) Osborne, BA'24, September 29, 1984 in Quebec City. After a short teaching career she married Freleigh Fitz Osborne, BASc'24, MASc'25, PhD (Yale), FRSC, who survives her. She is also survived by a son, Dr. Freleigh Jardine

Fitz Osborne, and a grandson, Donald, both of Beaconsfield, Quebec.

Eugene B. Patterson, BSA'50, MS, PhD (Washington State), August 10, 1984 in Helsinki, Finland. He was a research nutritionist with Swift and Company, from 1955 to 1957, after which he worked for Pfizer, for whom he worked until his death, for the past 15 years as associate director, agricultural research and development. He belonged to many organizations, including the American Association for the Advancement of Science and the Animal Health Institute. He is survived by his wife Joyce, their daughters Kimberly Roy, Cynthia Patterson and Diana Patterson and by his mother, Helen Simmonds. Memorial donations may be made to the UBC Alumni Scholarship Fund.

Frank Seldon Perdue, BA'33, April 23, 1983. President of the general insurance company, Frank S. Perdue and Co. Ltd., he is survived by his wife Olive, and daughter Jacqueline Walker.

Elen L. Podwin, BEd'65, April 22, 1984.

Eva Jean Rollston, BA'19, May 28, 1984.

Graham D. Trethewey, BASc'37, July 21, 1984 in Victoria.

Vernon Ansel Wiedrick, BA'33, BEd-E'52, November 19, 1983. He was a vice-principal at Point Grey Secondary School for 11 years, and principal of Kitsilano Secondary for 12 years. He is survived by his wife Irene, three children and 10 grandchildren.

Adrian Waring Wolfe-Milner, BASc'29, June 1, 1984. ■



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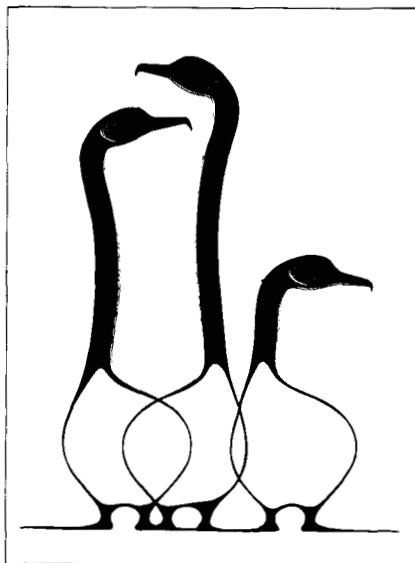
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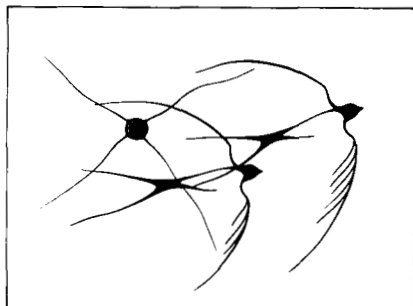
A Friends

A mainly self-taught artist, Chee Chee was a prominent member of the second generation of woodland Indian painters.

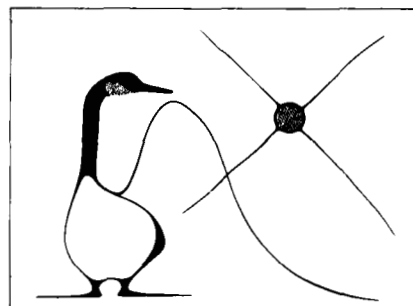
Unlike many of his contemporaries who employed direct and "primitive" means, Chee Chee's work was influenced by modern abstraction. His style reduced line and image in keeping with international modern art.

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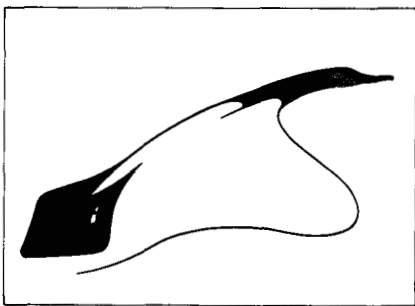
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B Swallows



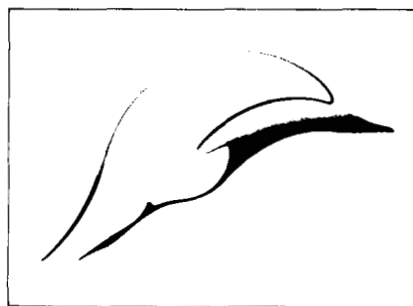
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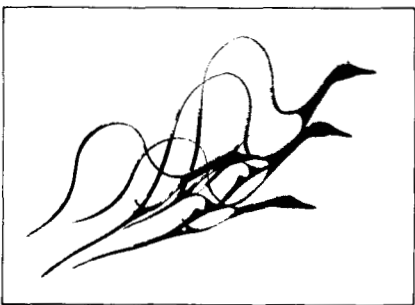
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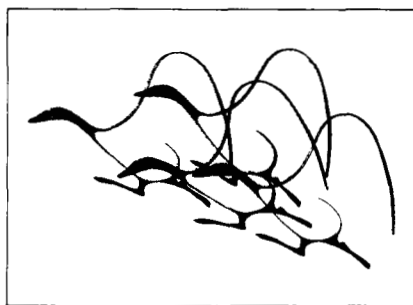
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