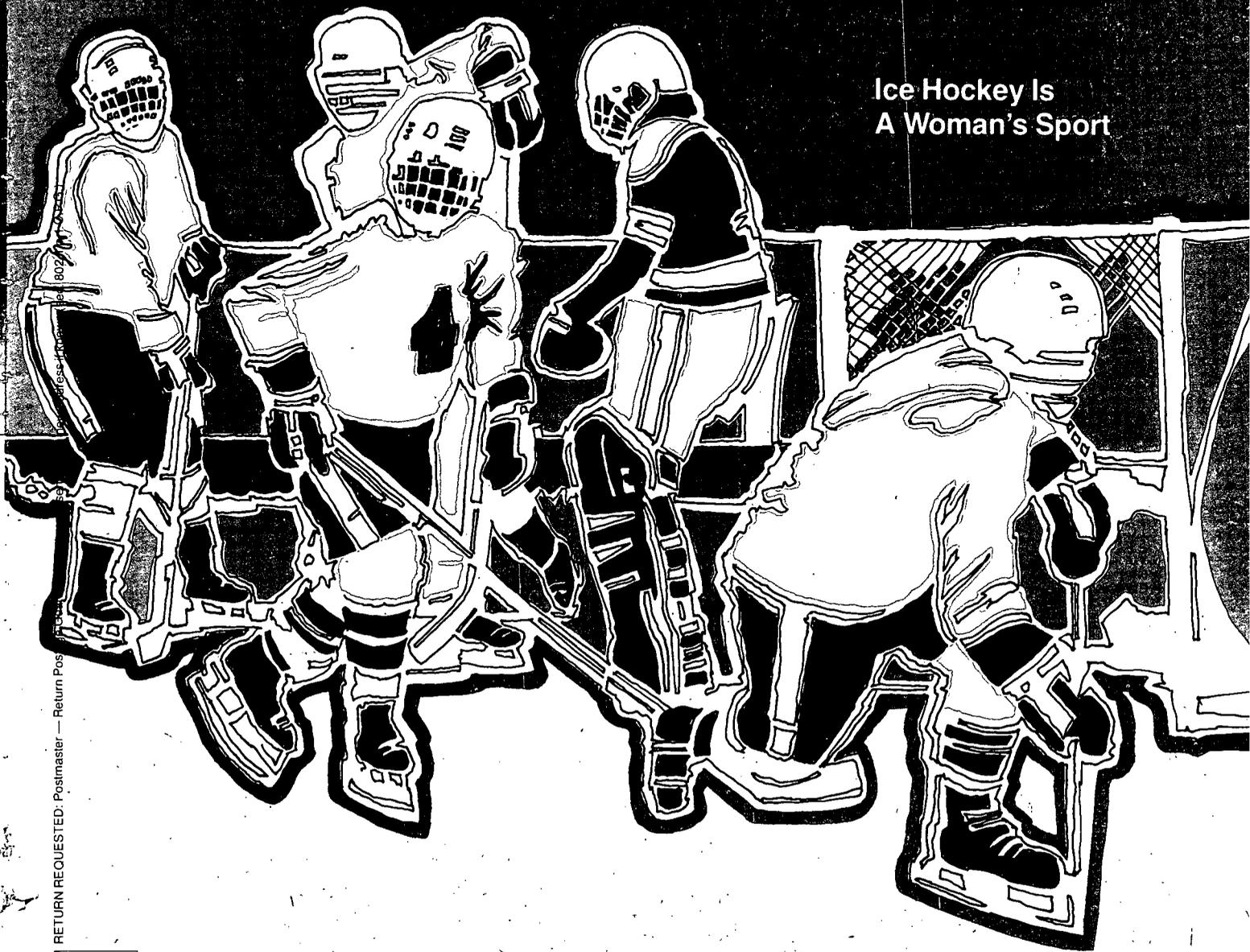


# UBC ALUMNI Chronicle

Board of Management  
BALLOT .... see page 4

SPRING 1979

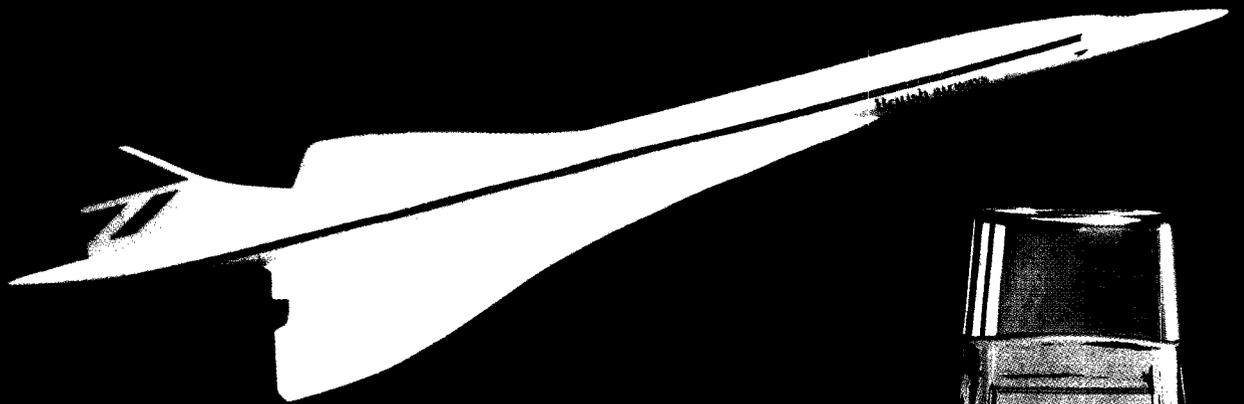
Ice Hockey Is  
A Woman's Sport



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An elegant shape  
is very often a reflection  
of quality.



Carrington: a whisky of outstanding quality.

# UBC ALUMNI Chronicle

Volume 33, Number 1 Spring 1979

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## Official Notice

Notice is hereby given that the **Annual Meeting**  
of the UBC Alumni Association will be held at  
the hour of **8:00 p.m.** on **Monday, May 28,  
1979** at Cecil Green Park, 6251 Cecil Green  
Park Road, Vancouver, B.C.

For further information call the Alumni Office,  
228-3313.

Harry J. Franklin,  
Executive Director

Plan on making an evening out of it and take  
advantage of the informal buffet that will be  
available prior to the meeting (\$6/person). Re-  
ception from 6:00 p.m., buffet at 6:30 p.m.  
Reservations are essential. To make yours, call  
the Alumni Office at 228-3313.



## Coming Soon...

The **UBC Board of Governors** will be holding  
an **off-campus meeting in Kelowna on April  
30, 1979**. A dinner, highlighting this important  
event will be held at Kelowna's Capri Hotel  
(\$10/person). Reception (no-host) from 6:00  
p.m. and dinner at 6:30 p.m.

Tickets can be obtained by writing to the UBC  
Alumni Association, 6251 Cecil Green Park  
Road, Vancouver, B.C. V6T 1X8, or from the  
alumni contacts in your area. Full details will  
be mailed early in April.

**Reserve early —  
Limited reservations.  
Everyone is welcome.**

## UBC Alumni Association

# Board of Management Elections 1979

On these two pages you will meet the 13 candidates nominated for members-at-large, 1979-81.

All executive positions were filled by acclamation. (Information on these officers and the 8 members-at-large who complete their terms in 1980 is found at the end of this section.)

**VOTING:** All ordinary members of the UBC Alumni Association are entitled to vote in this election. (Ordinary members are graduates of UBC, including graduates who attended Victoria College.)

**BALLOTS:** Two ballots, two Identity Certificates and voting instructions appear on page six following the biographical information. The duplicate spouse ballot is provided for use in those cases of a joint *Chronicle* mailing to husband and wife, both of whom are graduates. (Check your mailing label to see if this applies to you.)

The seven digit identity number on the right of the address label (in case of faculty alumni, this is a three digit number) must appear on your Identity Certificate and accompany your ballot.

Please follow the directions on the ballot for its completion, then cut it out and mail it to us. The list of elected candidates will be published by May 1, 1979.

## VOTE & MAIL TODAY

Ballots received after 12 noon, Tuesday, April 17, 1979 will not be counted.

Nancy E. Woo, BA'69,  
(MSc, American University)  
Alumni Returning Officer



**Robert Angus, BSc'71.** *Campus Activities:* A.M.S. co-ordinator, 1971-72; chairman, SUB management committee; chairman, PIT construction committee; chairman, aquatic facility users committee. *Community:* treasurer, Instrument Society of America. *Occupation:* computer engineer.

*Candidate's statement:* I feel that the alumni association has the capability of influencing change at UBC. As an alumnus, I would like to feel that the association was working towards expressing views on continuing education programs in specialized fields, greater community access to the university facilities and what kind of university we can expect for our children. If I receive your support, these are the areas that I will work on.



**W. Gordon Blankstein, BSc'73, MBA'76.** *Alumni Activities:* A.M.S. representative, 1974-75; member-at-large, 1978-79; student affairs, 1978-79; special events, 1978-79. *Campus:* president, A.M.S., 1974-75; vice-president, A.M.S., 1972-73-74; Senate, 1975-76. *Community:* Association of Professional Economists; Association of Professional Agrologists; Industrial Relations Management Association. *Occupation:* management consultant.

*Candidate's statement:* The most important role the alumni association can fulfill is that of a sounding board for the university between the business community and government. The requirements of the business community should be transmitted to the university. The alumni association can assist the university in approaching the provincial government for funding of programs that have solid community support.



**William S. Armstrong, BCom'58, LLB'59, (LLM, Columbia).** *Alumni Activities:* advisory committee to the UBC wills and bequests committee. *Campus:* treasurer, Open House. *Community:* director, Chris Spencer Foundation; past-president, Estate Planning Council of Vancouver; team captain, business campaign, Heart Fund; former director, Vancouver-Richmond Association for the Mentally Retarded. *Occupation:* barrister and solicitor.



**Grant D. Burnyeat, LLB'73.** *Alumni Activities:* A.M.S. representative, board of management, 1971-72; member-at-large, 1977-79; chairman, student affairs, 1978-79; president's special advisory committee; branches; government relations. *Campus:* pres., A.M.S., 1971-72; Law Students Association, 1971; Delta Kappa Epsilon. *Community:* Vancouver board of variance, Safety Council; Aquatic Centre management committee. *Occupation:* lawyer.

*Candidate's statement:* Our association must continue to expand programs of interest to alumni. Our branches and division programs can meet this need and require increased funding and prominence. If elected, I

**Return ballot  
and  
Identity  
Certificate**

will continue efforts to improve and expand these areas.



**Margaret Sampson Burr**, BMus'64, (ARCT, Conservatory of Toronto). *Campus Activities*: publicity chairman, MUSSOC, 1960; Jazz Society; CHORSOC; president, UBC Choir, 1961-62. *Community*: Bach Choir; founder and conductor, Princeton United Church Choir; VOA Chorus; Cantata Singers. *Occupation*: professional singer, Vancouver Chamber Choir; housewife and mother.



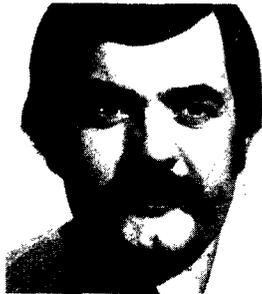
**David William Donohoe**, LLB'71, (BA, McGill; LLM, London School of Economics). *Alumni Activities*: president, Young Alumni Club, 1977-78; secretary, Young Alumni Club, 1976-77; interim member, board of management, 1979. *Campus*: external vice-president, Law Students Association; UBC student court. *Community*: vice-president, Deep Cove-Dollarton Community Association. *Occupation*: barrister.



**Jo Ann Hinchliffe**, BA'74. *Alumni Activities*: branches committee, 1977-78. *Campus*: Big Block. *Community*: executive, Vancouver Women's Field

Hockey Association; president, Jericho Old Girls Athletic Club; volunteer, Ministry of Human Resources. *Occupation*: administrative assistant, department of physical education, UBC.

*Candidate's statement*: The UBC Alumni Association has potential that grows every year. As an undergraduate, I worked with the alumni association through athletics; as a grad, I take UBC to the community through the branches committee. As a member of the board I will work towards more involvement of both campus and community to make our association part of an exciting future.



**Robert B. Mackay**, BCom'64, (LLB, Alberta). *Campus Activities*: president, Commerce Undergraduate Society, 1963-64; A.M.S. representative, board of management, 1963-64; Alpha Delta Phi; faculty of commerce curriculum council, 1971-72. *Community*: past president and member, board of directors, B.C. Chapter of the American Marketing Association; treasurer, Media and Communications Law Subsection, B.C. Branch, Canadian Bar Association. *Occupation*: barrister and solicitor.



**Robert F. Osborne**, BA'33, BEd'48. *Campus Activities*: president, Men's Athletics; Big Block; Phi Gamma Delta. *Community*: vice-president, Canadian Olympic Association; chairman, Committee on Sports and Athletic Activities for B.C. Centennials, 1958, 1966, 1967; first president and life member, board of directors, Recreation Association. *Occupation*: professor emeritus.

*Candidate's statement*: My in-

terest and involvement with UBC has been continuous since undergraduate days. My experience as a faculty member was quite varied, leading me to believe that the maintenance of alumni interest and general public awareness is essential to the well being of the university.



**David Richardson**, BCom'71. *Community*: member of the board, B.C. Perinatal Health Society; Provincial Steering Committee on Infant Development Programmes. *Occupation*: administrator, Sunny Hill Hospital for Children.

*Candidate's statement*: I am looking forward to the opportunity to participate actively in the affairs of the alumni association.



**Peggy L.E. Andreen Ross**, MD'58, (BSc, F.R.C.P.(C), Toronto). *Campus Activities*: student council; president, Delta Sigma Pi; Gamma Phi Beta; executive, medical undergraduate society; Alpha Omega Alpha medical honorary society. *Community*: volunteer teacher of first-aid courses; *Occupation*: anaesthesiologist.

*Candidate's statement*: I would like to contribute some time and effort to the board as I feel that the representatives should be from many and varied facets of the community, including medical personnel.



**Barry Sleigh**, BAsc'44. *Alumni Activities*: class chairman, Homecoming, 1974. *Campus*: president, Delta Upsilon, 1944; president, Inter-Fraternity Council, 1943; president, Graduating Class, 1944; Rowing Club; Players Club. *Community*: Vancouver Community College council; Society of Automotive Engineers. *Occupation*: retired, regional marketing manager and marketing consultant.

*Candidate's statement*: As an alumnus of 35 years standing, I have seen the effectiveness of active leadership in the organization. Many busy members have come forward to provide leadership and have improved their community. I feel now is the time for me to return some of the benefits I have received from the community over the past 35 years and I believe that I can contribute positively to the strength of the UBC Alumni Association in 1979.



**David G. Smith**, BSc'69. *Campus Activities*: president, student chapter, Chemical Institute of Canada; vice-president, Photographic Society. *Community*: Association of Professional Economists; Industrial Relations Management Association; *Occupation*: management consultant.

*Candidate's statement*: Does today's university relate to the challenges and realities of an industrial workplace that is about to enter a new decade of sophistication and complexity? UBC must provide for the academic needs of the community in a shrinking economy while preparing its graduates for the real world. This requires strong input from industry, something I believe I can provide with your support.

**VOTE TODAY**

# Voting Instructions

## Who may vote

All ordinary members of the UBC Alumni Association are entitled to vote in this election. (Ordinary members are graduates of UBC including graduates who attended Victoria College.)

## Voting

There are 10 vacancies for the position of member-at-large, 1979-81 and there are 13 candidates for these positions, listed below on the ballot. You may vote for a maximum of 10 candidates.

## Ballots

There is a **ballot** and a **spouse ballot** provided on this page. The **spouse ballot** is provided for use in those cases

of a joint *Chronicle* mailing to husband and wife. (Check your address label to see if this applies to you.)

## Identity Certificate

The **seven digit** identity number on the mailing label of your magazine (this is a **three digit** number for faculty alumni) and your signature must accompany the ballot. You may use the Identity Certificate form provided below and detach it from the ballot if you wish.

## To Return Ballot

1. Place the completed ballot and Identity Certificate in **your** envelope with **your** stamp and mail it to The Returning Officer at the address below.
2. **OR** if you want to ensure the confidentiality of your ballot, detach
3. Mail to: Alumni Returning Officer  
P.O. Box 46119  
Postal Station G  
Vancouver, B.C. V6R 4G5
4. Ballots received after 12 noon, Tuesday, April 17, 1979, will not be counted.

it from the signed and completed Identity Certificate and seal it in a blank envelope. Then place the sealed envelope with the Identity Certificate in a second envelope, with **your** stamp, for mailing.

The mailing number and signature will be verified and separated from the sealed envelope containing your ballot before counting.

**NOTE:** Failure to include your correct mailing label number and signature (the Identity Certificate) will invalidate your ballot.

.....CUT HERE.....

## University of British Columbia Alumni Association

### Ballot/1979

**Members-at-large, 1979-81** (Place an "X" in the square opposite the candidates of your choice. You may vote for a maximum of 10.)

- Robert Angus .....
- William S. Armstrong .....
- Gordon Blankstein .....
- Grant D. Burnyeat .....
- Margaret Burr .....
- David Donohoe .....
- Jo Ann Hinchliffe .....
- Robert B. Mackay .....
- Robert F. Osborne .....
- David Richardson .....
- Peggy Ross .....
- E. Barry Sleigh .....
- David G. Smith .....

## Identity Certificate

The information below must be completed and accompany the ballot or the ballot will be rejected.

**NAME** (print) .....  
**NUMBER** .....

(7 digit no. from mailing label)  
(faculty alumni will have 3 digit no.)

I certify that I am a graduate of the University of British Columbia

.....  
(sign here)

## University of British Columbia Alumni Association

### Spouse Ballot/1979

**Members-at-large, 1979-81** (Place an "X" in the square opposite the candidates of your choice. You may vote for a maximum of 10.)

- Robert Angus .....
- William S. Armstrong .....
- Gordon Blankstein .....
- Grant D. Burnyeat .....
- Margaret Burr .....
- David Donohoe .....
- Jo Ann Hinchliffe .....
- Robert B. Mackay .....
- Robert F. Osborne .....
- David Richardson .....
- Peggy Ross .....
- E. Barry Sleigh .....
- David G. Smith .....

## Identity Certificate

The information below must be completed and accompany the ballot or the ballot will be rejected.

**NAME** (print) .....  
**NUMBER** .....

(7 digit no. from mailing label)  
(faculty alumni will have 3 digit no.)

I certify that I am a graduate of the University of British Columbia

.....  
(sign here)

CUT HERE

## Officers 1979-80

The following officers for 1979-80 were elected by acclamation.



### President

**George E. Plant, BAsC'50.** *Alumni Activities:* vice-president, 1978-79; treasurer, 1977-78; member-at-large, 1976-78; co-chair, Reunion Days committee, 1975; chair, Port Alberni alumni branch, 1972-73.



### Vice-President

**W.A. (Art) Stevenson, BAsC'66.** *Alumni Activities:* chair, branches 1977-79; officer, 1976-77, 1978-79; chair, Reunions '66 Engineering; member, student affairs, special programs, president's special advisory committee.



### Treasurer

**Robert J. Smith, BCom'68, MBA'71.** *Alumni Activities:* treasurer, 1978-79; branches committee, 1973-75; commerce alumni, 1976-77.

## Members-at-large 1978-80



**Douglas James Aldridge, BAsC'74.** *Alumni Activities:* AMS representative, board of management, 1972-73; chair, student affairs committee, 1975-77; member, special programs committee, 1976.



**Harold N. Halvorson, BA'55, MSc'56, PhD'66.** *Alumni Activities:* Margaret Armstrong memorial fund, organizer.



**Brenton D. Kenny, LLB'56.** *Alumni Activities:* member-at-large, 1976-78; member, allocations committee, 1975; chair, allocations committee, 1972-73.



**John F. Schuss, BAsC'66.** *Alumni Activities:* member-at-large, 1976-78; member, Reun-

ion Days committee 1976; member, branches committee, 1977-78; chair, special programs committee, 1978.



**Oscar Sziklai, (BSF, Sopron, Hungary), MF'61, PhD'64.** *Alumni Activities:* executive officer, 1976-78; member-at-large, 1974-78; chair, speakers bureau, 1975-76; co-author, *Foresters in Exile*, the story of the Sopron Forestry School graduates.



**Robert E. Tulk, BCom'60.** *Alumni Activities:* chair, commerce homecoming, 1970.



**Barbara Mitchell Vitols, BA'61.** *Alumni Activities:* officer, 1977-78; member, speakers bureau committee, 1976-78; executive, Young Alumni Club, 1977-78; constitution revisions committee, 1977-78; program director, UBC Alumni Association, 1966-72.



**Nancy E. Woo, BA'69, (MSc, American University).** *Alumni Activities:* member, awards & scholarships committee, 1976-78; communications committee, 1978-79.

## Other Representatives to the Board of Management:

These representatives may be elected or appointed in the following categories: The honorary president (the president of the university); the immediate past president of the association; two of the convocation members of the university senate (served in rotation by the 11 members); two representatives of the faculty association; two representatives of the Alma Mater Society; and a representative from each active alumni division. In addition, any other individuals as the board may designate, for example committee chairs who are not elected members and special appointments.

# The Volkswagen Rabbit



Recently, we at Volkswagen have noticed an increasing number of Rabbits popping up in the most exclusive parts of town. And, while this pleases us, it doesn't surprise us. The VW Rabbit is one fine automobile. An unequalled combination of room, economy, and performance. So, let's take a moment to find out why people who can afford almost any fine car, appreciate our fine car.

And, let's start with the heart of the Rabbit. The 1.5 litre engine. It zips the Rabbit from 0 to 80 km/h in just 8.3

seconds and does so most economically. That's a combination anyone can appreciate. Transport Canada's comparative fuel consumption rating for the Rabbit is 8.0 litres/100 km\*; for the Rabbit Diesel 5.4 litres/100 km\* which is the best fuel economy in Canada.

Like the Alfa Romeo, the Rabbit's engine is fuel injected.

Like the Cadillac Eldorado, the Rabbit features front wheel drive.

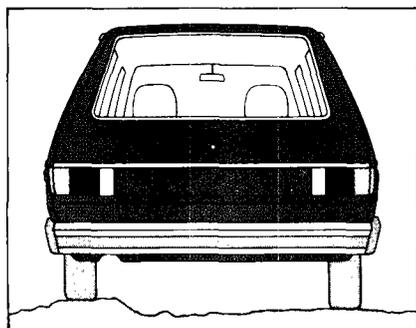
Then, there's the Rabbit's fine car ride. Uncommonly

smooth thanks to a four wheel independent suspension system with MacPherson struts up front and a unique T-bar stabilizing axle in the rear. An abundance of sound deadening insulation makes this smooth ride, a quiet ride.

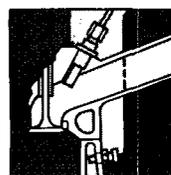
But, quiet is only one luxury to be found inside a VW Rabbit.

*"Riding in the lap of luxury," that's what Car and Driver, July 1978, said about the VW Rabbit.*

Once inside the Rabbit, you'll know why. Everything has been totally thought-out, worked-out. Instruments are instantly visible. Controls are immediately accessible.



**Four wheel independent suspension.**



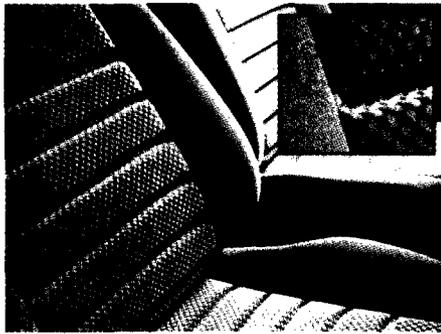
**Fuel injection.**

VW logo, Volkswagen and Rabbit are registered trademarks owned by: Volkswagenwerk A.G. West Germany. Registered user: Volkswagen Canada Inc., Toronto.

\*According to laboratory tests using vehicles equipped with 4-speed manual transmission. Fuel consumption will vary depending on how and where you drive, weather conditions, etc.

# t. If you've got it, flaunt it.

Road visibility is remarkable. There's almost 26 square feet of glass in the Volkswagen Rabbit. Seats are anatomically designed and finished in a most craftsman-like way. The



**Seats finished like fine furniture.**

front bucket seats are fully reclining. The carpeting in the Rabbit Deluxe is deep, lush, and extends up to cover lower door panels. Room is another luxury the Rabbit has to offer.

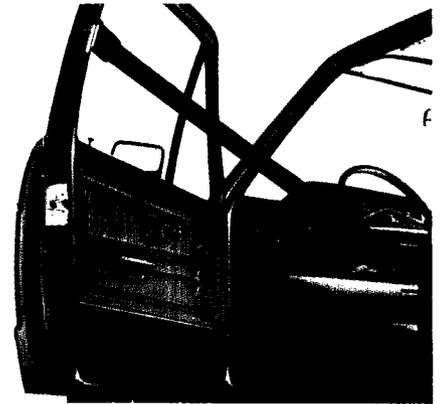
If you think the Rabbit is a small car, you've only seen it from the outside. There's ample room for four large adults, no space-stealing hump on the floor and, with

the rear seat folded down, it offers more cargo space than a Cadillac Fleetwood. It also offers something else of prime concern. Safety.

*Commenting on the Rabbit's construction, Car and Driver, in the same July issue, said; "A structure that feels as substantial as a Mosler safe."*

The Rabbit's body is welded not bolted. There are steel beams in the doors, and a passenger safety cell compartment. There's a collapsible steering column, a gas tank that's positioned in front of the rear axle for greater safety, and a dual-diagonal braking system for sure-footed stops.

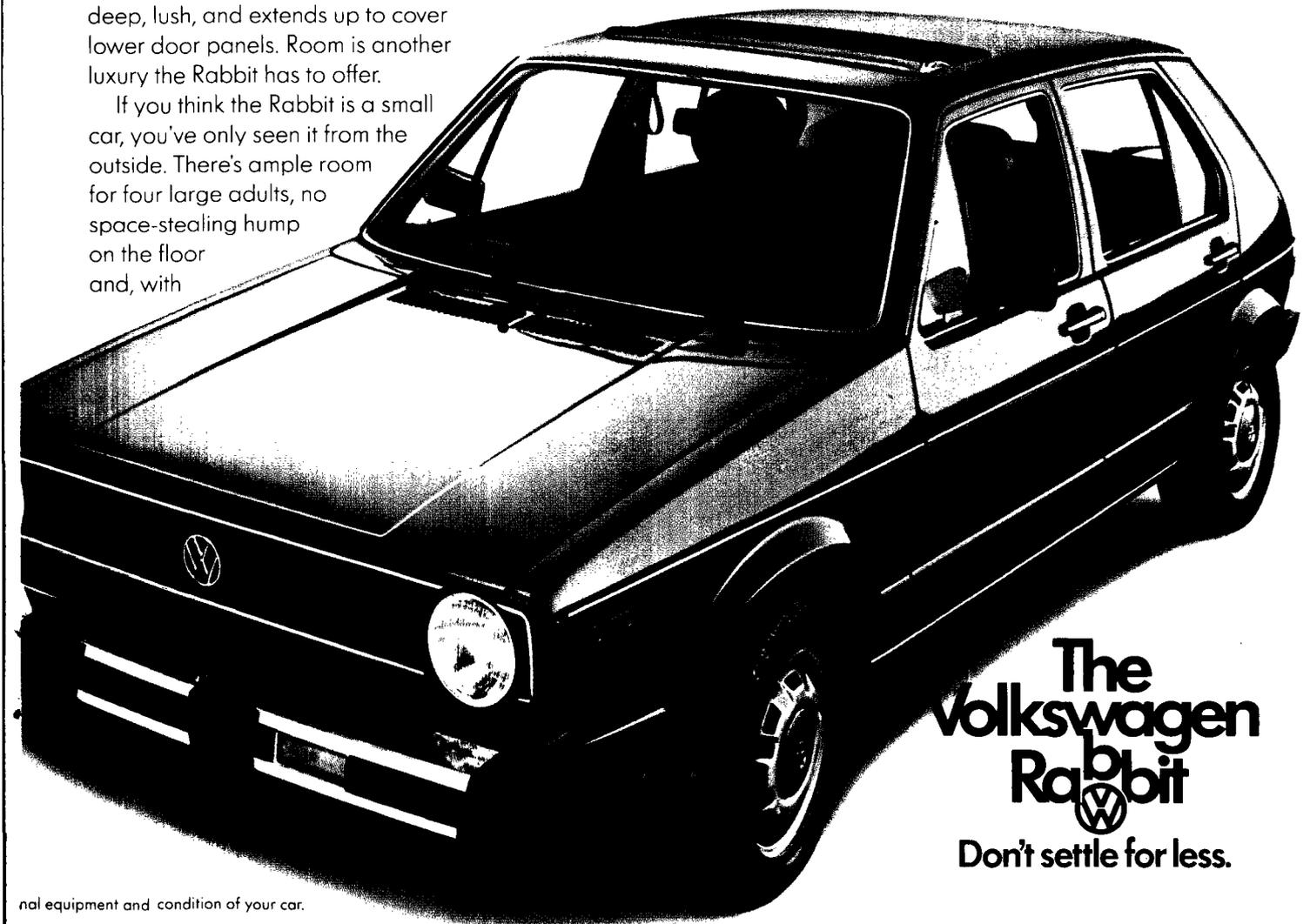
And, if you think all of this is saying the Rabbit is an expensive



**Something no one else offers. Seat belts that put themselves on.**

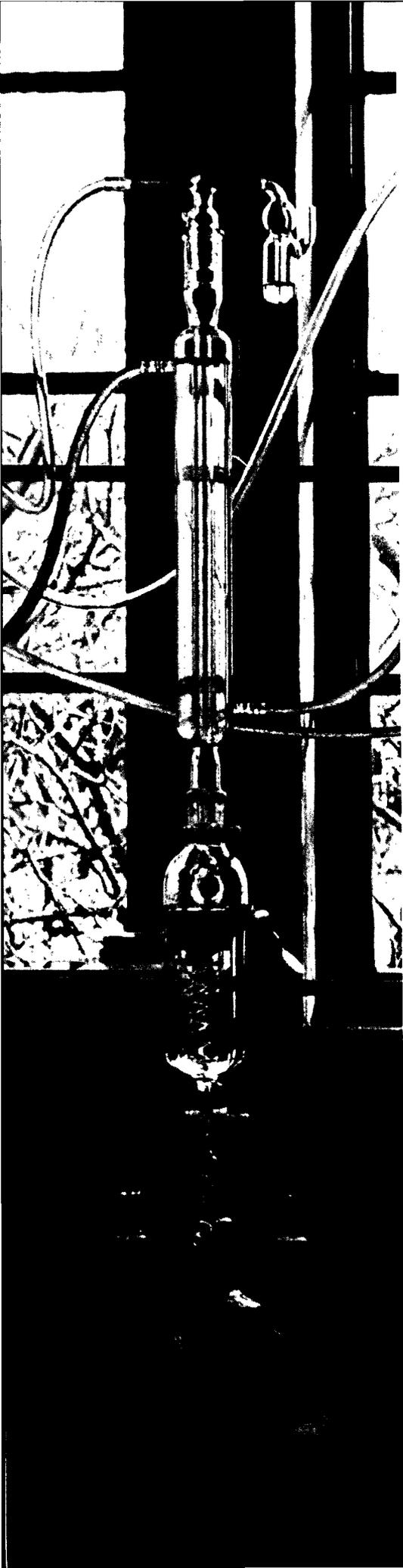
fine car it's not. *Car and Driver, July 1978 said this about the Rabbit; "you get what you pay for."*

That makes the Rabbit more than a fine car. It's a smart buy.



The  
Volkswagen  
Rabbit

Don't settle for less.



# New Directions In Research

## Incentives Aid the Development of High-technology Industries

Murray McMillan

*"And the princes said unto them, let them live; but let them be hewers of wood and drawers of water unto all the congregation . . ."*

— *Joshua IX, verse 21.*

**H**ewers of wood...drawers of water.... The Biblical phrase has been tossed about so regularly in our national political and industrial debates that an initial impulse in looking for its source might be to turn to *Colombo's Canadian Quotations* rather than the Bible.

To try Colombo brings a somewhat poignant reward. In 1849, Abraham Gesner, a Halifax scientist who had devised a method of producing kerosene and who was a critic of trade reciprocity, wrote:

"It is vain to suppose that a free trade system will be beneficial to a new and struggling colony, which has nothing to export but raw materials; it is rather calculated to enrich an old commonwealth, whose people by their skill and labor make such raw materials valuable, and then return them for consumption. The result of the system alluded to has been that the suppliers of the raw material at last become hewers of wood and drawers of water to the manufacturers."

Gesner wrote a Canadian history lesson 130 years ago, and today it is fair to wonder whether we have learned anything from it. Canada remains an economy of hewers and drawers — admittedly, fairly sophisticated ones — but hewers and drawers nonetheless. And all fingers point to one cause: the great lack of research and development carried on in this country compared with the efforts of other Western industrialized nations.

The statistics are disheartening. The Organization for Economic Co-operation and Development uses as its basis for comparison the percentage of gross national product which each of its member nations spends on research and develop-

ment in a given year. In 1975, the U.S. spent 2.3 per cent of its GNP on R&D; the United Kingdom, 2.5 per cent; Sweden, 1.6 per cent; Italy, 1.1 per cent. Canada ranked last. According to Statistics Canada, total expenditure in Canada on R&D in 1975 was .97 per cent of GNP.

By 1977, it was down to .92 per cent. While Canada's competitors have been investing money in research and development — the essential elements in striving to make an economy grow — Canada has been dropping behind in the share its governments, universities and industries spend to prime that economic pump.

Who, if anyone, is to blame? Governments point the finger at each other, one level accusing the other of not carrying a full share of the load. They also point at the universities, saying these institutions have not been responsive to industrial and social needs. They point, too, at industry — particularly foreign-owned industry — accusing the multinationals of importing far too much of their technology when they should be developing it in Canada.

The universities point at government — especially the federal government — for a slide in research grants and contracts which has only recently begun to turn around. Since 1971, while grants may have increased slightly each year, they did not begin to keep up with the effects of inflation, let alone gain ground. (According to Statistics Canada, the total R&D expenditure in the country in 1971 was \$1,130 million; in 1977 it was \$1,191.6 million — but that \$1,191.6 million was only worth \$1,111 million in terms of 1971 dollars — in effect, a decline over six years of \$19 million in 1971 dollars.)

Government also comes under fire from industry, both for stingy policies limiting research grants and contracts, and for taxation policies which have not fostered R&D in Canada. The policies and attitudes appear to be starting to change. There seems to be growing realization that Canada must begin to make some major strides toward development of high-

technology industries if the country is going to hold its own in the industrialized West.

In a statement in the House of Commons last June 1, Judd Buchanan, then minister of state for science and technology, announced substantial federal government initiatives to stimulate industrial research and to provide increased support for university research programs. The minister put the cost of the new programs at \$28.7 million, a sum in addition to that already allotted to the federal granting councils.

For those who had watched Canada's declining percentage-of-GNP figure on the OECD chart, there was also the heartening announcement that the government was setting a national target for R&D expenditure of 1.5 per cent of GNP by 1983. Despite subsequent cutbacks in Ottawa's spending, the ministry says the 1.5 per cent policy target still holds.

At the same time, the minister announced job creation programs for scientific and technical personnel, and allocation of more federal funds to be spent contracting out government research to private industry.

Perhaps most intriguing was a brief paragraph in Buchanan's notes for the announcement which said the government would "use...procurement practices to support Canadian industrial research and industrial development in Canada." An accompanying document explained the move in terms of "strengthened guidelines on good corporate behavior" and the "autonomy of foreign-controlled firms with respect to product lines and R&D," and it all added up to hints of some federal arm-twisting, as at least one newspaper editorial put it. The federal government had decided to put more pressure on multinational corporations, in some cases using the Foreign Investment Review Agency, to induce them to conduct more of their research and development in Canada.

"At present, with a few exceptions, all of our best industrial labs are minor adjuncts of parent labs in the U.S.," says Erich Vogt, UBC vice-president for faculty and student affairs, and recently appointed to chair the Science Council of British Columbia. He says that Canada should insist that one of the prices a multinational corporation pays for being able to sell high-technology goods in the Canadian market is that it conduct some of its high-technology research and development here.

"Canada has never developed the kind of research to support high-technology industries," says Vogt, "and that is a crucial Canadian problem. Look at the U.S. compared with Canada. The U.S. is losing jobs in primary industries but picking them up in high technology."

Industry has not been the only target for arm-twisting. Although that may be a somewhat harsh description of the prac-

tice, governments nevertheless have been influencing the directions of research and development, particularly at the university level, through the complex system of grants and research contracts which allows Canadian scientists to start projects and keep them alive.

"The thrust of the federal policy is that new money should be channelled into areas of national need," says Dr. Richard Spratley, who as UBC's research administrator is the person through whom all applications for research grants are funnelled. He says the federal government now places stress on either applied research or research in designated areas. Three areas which have been designated by the National Research Council are energy, oceanography and toxicology. Of the \$28.7 million announced in June by Buchanan, \$10 million was earmarked for research grants in designated areas of national concern in 1978-79. Dr. Hugh Wynne-Edwards, who is assistant secretary, universities branch, of the science and technology ministry (and a professor on leave from UBC's department of geological sciences), says that all but \$1.7 million of that was allocated to the granting councils, the \$1.7 million being held back only because one of the councils failed to satisfy the Treasury Board that the research it proposed to support met the "national concern" criteria.

By specifying which types of research will get more favorable consideration, the federal government influences the direction projects may take. Some see that as a threat, particularly a threat to research undertaken in the pursuit of knowledge — pure or basic research. UBC President Douglas Kenny had some strong words on the subject in his annual report for 1976-77:

"Few will quarrel with a decision to invest more in research projects of national importance, but to do this at the expense of basic research, which is absolutely essential as the underpinning for applied research, is a little like purchasing a car and neglecting to set aside adequate funds to pay for the gasoline to run it."

Most of those involved in research agree

that basic scientific pursuits will remain an important element of government policy, but the trend is obviously toward directing more and more into applied research, and keeping track of how that is done could be a science all its own.

"There are so many currents flowing in Ottawa now," says Spratley, "all I can see are swirls of muddy water. There is an increase in the number of [research] contracts we're getting from Ottawa, but there is a continuing cutback in grants from the mission-oriented departments." Those departmental grants, from such branches as the Atmospheric Environment Service, fisheries and agriculture were once just that: grants. Now, says Spratley, they reappear as contracts for research, handled by Ottawa's department of supply and services. "In 1972 [when the contracting-out policy began], we had half-a-dozen federal contracts of various sorts on campus; now we have 40 to 50," says Spratley. The idea of contracting out for a specific piece of research work to be done toward a specific goal, rather than funding curiosity-oriented pursuit of knowledge, is one factor in the trend toward applied research.

One of the things that muddies those federal policy currents Spratley speaks of is changes in the policies themselves. After Prime Minister Pierre Elliott Trudeau's cost-slashing binge following his return from last summer's economic summit meeting in Bonn, whole programs — an example is the non-medical use of drugs directorate — were eliminated, and with them, their granting programs. Other departments had budgets severely slashed and now are not accepting any new grant applications for at least a year.

Says Spratley: "In sum total, in June they gave it out with one hand and in August took it away with another." He says dealings with Ottawa are clouded even more by the fact that new granting councils have been established: The Natural Sciences and Engineering Research Council has taken over the granting functions of the old National Research Council, and the Social Sciences and Humanities Research Council has taken





Williams Bros.

One voice that rails strongly against any government interference, through the use of funding policy, on the direction research takes comes from what at first seems an unlikely quarter. Allan Crawford heads ANATEK Electronics Ltd., a North Vancouver high-technology company which produces power supplies and thick-film hybrid microcircuits. Crawford is somewhat of a pioneer in what may eventually become the Canadian equivalent of the high-technology industrial communities of California. On Feb. 1, 1978, he was appointed to the UBC board of governors.

It might be expected that being in business he'd favor greater support of applied research with its consequent benefits for industry. He doesn't.

"To set a policy that downplays pure research in favor of applied research is a policy that is quite wrong and very dangerous to Canada's future as an industrial nation in the long term. What we've got to look at is where this country will be as an industrial nation in 30 years, and if we

don't look at that, we're fools," says Crawford.

"The leading industries in the world 30 years from now will clearly be high-technology industries and those industries will draw their ideas from the pure research being done today. If we don't support pure research now, in 30 years we'll still be importing our technology."

Crawford argues that there should be a marked increase in research funding, but that there should not be a political bias influencing the ration of pure to applied research. Rather, he says, both areas should compete based on peer review as they do now to strike a balance.

"Research is really mining of brains, and it seems to me extremely important that we recognize that brains are renewable and that that's as important a basic resource as a forest or an ore body. The payoff of that mining of brains is only going to come if we have adequate support for research and a healthy balance between pure and applied research."

over from the humanities and social sciences division of the Canada Council.

While the currents in Ottawa may be dizzying, Spratley expresses a guarded optimism over recent moves by the provincial government. "One can hope that the creation of the science council and the provincial research secretariat has helped sensitize the provincial government to research. We now have a substantial commitment of lottery money to health research — a couple of million dollars a year. That's a jump from nowhere."

(In January, Provincial Secretary Hugh Curtis released figures showing that between 1975 and 1978, \$2.7 million in lottery earnings had been turned over to the B.C. Health Care Research Foundation

for medical research. The first grants from the foundation were approved by its board in December, 1978 and totalled \$1,233,372, of which more than \$900,000 went to researchers at UBC.)

Science council chairman Vogt speaks enthusiastically about the council's prospects. "It has become recognized that the provinces have to do things as well as the federal government — that's why the science council was created," says Vogt. He says the council will try to work on bringing high-technology expertise to the province and make use of what is already here. There is focus on such things as coal research and fusion research which would involve the university.

Already the deal for one such project

has been struck between the B.C. Development Corporation, the commercial products division of Atomic Energy of Canada, and Triumpf, the subatomic-particle accelerator on the UBC campus. A contract was reached for Triumpf to develop and produce new kinds of radioactive isotopes for use in medical research. Vogt says production could be the basis for pharmaceutical companies locating in Vancouver.

Another area where he sees the Science Council of B.C. taking an active role is in changing the direction of research in existing federal laboratories, which he says have not always focused on local needs as much as they might have. Ottawa has said it intends to turn the labs over to regional and private organizations and drop out of the funding, and Vogt sees this as a place where a provincial science policy body can assist.

Out of Ottawa's June announcements came one program which particularly appeals to some scientists' imagination. A treasury board decision is imminent on a proposal from the department of industry, trade and commerce to establish as many as five "industrial research and innovation centres" at universities to provide "a focus for technical, market, legal and patent advice on new ideas for university researchers and businesses in the region," says information from the science and technology ministry. The explanation continued:

"The IRICs will also facilitate the movement of research workers from industry to university and vice versa. They will assist in combining the appropriate marketing, management and financial skills necessary to effect transfer of technology, and to establish an entrepreneurial activity needed to spin-off new business based on technology developed in, or with the assistance of, university laboratories."

As Vogt explains, what happens now is that all fledgling companies have to make all the same mistakes. With an industrial research and innovation centre to go to for advice, some of those pitfalls which prevent ideas from becoming real enterprises could be avoided — to everyone's benefit. To that end, the Science Council of B.C. has brought together B.C.'s three universities and the B.C. Research Council in a joint proposal to the federal government to establish such a centre in B.C.

The prodding of bright minds to produce innovative ideas, the nurturing of those ideas, the development into tools to produce economic wealth, and the wise use of that wealth to keep the cycle flowing have become something of a national challenge. Would it really be Canadian if along the way there weren't squabbles over money and over whether Ottawa or the provinces should take responsibility? □

*Murray McMillan is a member of the editorial staff of the Vancouver Sun.*

# PERSPECTIVE ON GIVING

## UBC Alumni Fund 1978

**A** gift to the UBC Alumni Fund can be looked at several ways. It all depends if you're giver, receiver or someone in between.

For the recipients — the students of UBC, a gift to the alumni fund means scholarships for excellence or a bursary when it's needed (over \$90,000 is allocated annually by the fund for student aid). It means a source of those extra funds that mean an enriched campus experience, whether in athletics, a special club or group, or an academic pursuit. For the donors — the alumni — a gift to the fund can offer the satisfaction of making a personal contribution to the educational opportunity that UBC offers its students. We've asked some of those alumni fund donors about their perspective on giving. Their answers are part of this report.

From the volunteer perspective (the ones in between) John Banfield, who chairs the alumni fund, offered this view: "My feeling is that the UBC Alumni Fund has an important continuing role on this campus. We are supporting some new programs and some old ones. This support has been well received. The contributions of the university's alumni have enabled the continuation of programs that

add greatly to a university experience and which would probably not otherwise be available. The gifts of all our donors, including the parents of students and other friends of the university are greatly appreciated."

The volunteer fund committee in consultation with Dale Alexander, the fund director, plans the annual fund raising campaign. "We will probably continue to do many of the things that have worked well in the past. One change we are considering is the inclusion of the graduating class members in the solicitations for the fund campaign of the following year." In the past graduates have not been approached by the fund for two years after their graduation. "The tone of the fund will continue to be low-key. We don't think the fund is meant to be a high-pressure thing," Banfield said.

Also in the future is a plan to encourage corporate matching gifts. This type of program has wide participation in the U.S. but is much more limited in Canada. "We found, to our chagrin, that some of the Canadian companies whose U.S. parent provides matching gifts in the States do not do it here. It probably has not been suggested to them." In 1979 the UBC

Alumni Fund will do just that. Under the matching gift program the company undertakes to match an employee's gift to a university or college.

The Walter Gage Memorial Fund is a major focus of the 1979 campaign that is just getting underway. Many alumni have already contributed to the Walter Gage Fund. Over \$67,000 was received before the official launching of the campaign. The Vancouver Rotary Club provided a substantial "building block" for the fund in the form of a \$5000 cheque from its members in honor of Walter Gage, an honorary member of their association.

The Gage Fund is an endowment fund created, in response to numerous requests, by the alumni association in cooperation with the students and the university administration. The income from the fund will provide funding for student projects and emergency assistance administered on a discretionary basis by a faculty member. "It's a fund that will try to do what Walter Gage did so well," said Banfield.

Every dollar donated to the alumni fund is used as designated by the donor or in the case of "free funds" as disbursed by the allocations committee. This commit-



"I'm not uptight about where or how my contribution is spent, the one stipulation has been that it go to agriculture. It's a small faculty and I think at times it gets put down, and I think I should do something about that.

"I had a good life at UBC. Now, if I have some money to spare, why not put it there?"

— *Walter Touzeau, BSA '34*

tee meets regularly to consider requests for assistance. Each submission is considered against the criteria that it must promote the academic excellence of the university. First priority is given to student projects endorsed by a senior faculty member associated with the project; second, to a faculty project that has direct benefit to the students and third, alumni association projects that are of direct benefit to the students. The allocations committee makes recommendations on the applications to the alumni board of management. Grants approved by the board are forwarded to the university board of governors for authorization and disbursement.

\* \* \* \*

In the past year the alumni fund has helped fund many campus activities. Here is a sampling:

- UBC's office of student services was able to extend its annual summer orientation program for new students to those whose home is out-of-town with the help of a \$5,000 grant from the alumni fund. Almost 250 students made their own way to campus for the weekend sessions. The program included an overnight stay in residence, campus tours, meetings with faculty advisors and an assortment of helpful workshops. The association's grant provided room and board for the prospective students.

- A record number of short stories have been submitted to the judges in the *Chronicle* Creative Writing Competition. All UBC students, part-time and full-time, are eligible to enter the annual contest made possible by a \$575 grant from the fund.

- A revived UBC Debating Society expanded its campus and interuniversity debating schedule with an alumni fund grant of \$600.

- Campus home economics students participated in the Association of Canadian Home Economics Students conference at Acadia University in October with the help of a \$500 alumni fund grant.

- The association's national scholarships received \$3,000 in funding to help two students, whose home is not in B.C., to attend UBC. Preference is given to the children of alumni in the event of equally qualified candidates.



"I usually make my contribution to the faculty of commerce because I'm a graduate of the faculty and over the past years my association with it has been very close.

"I worked for the Board of Trade and now work for the (Greater Vancouver) Real Estate Board and so there's a continuing interest in the faculty and a particularly close relationship with the Urban Land Club. Students carry out quite a bit of their research at the Real Estate Board and I make the facilities available to them."

— *Peter Watkinson, BCom'47*

- A travel grant of \$774 assisted a group of student historians attend a Medieval Association conference in San Francisco.

- The Native Indian Teacher Education Program was again able to offer a \$500 alumni association bursary to one of its non-status Indian students.

- Sports received substantial assistance from the fund: men's athletics were granted \$9,000 and the women's athletics \$4,145 for programs and equipment.

- Some of B.C.'s young mathematicians will be coming to campus in May to get a taste of the academic life. The 30 top B.C. competitors in the national junior mathematics conference for students in Grades 9 to 11, will be spending five days on campus hearing talks on mathematical problems, participating in discussions and generally learning more about the role of mathematics in fields such as engineering, biological sciences and economics. A \$2000 grant from the fund is helping make the event possible.

\* \* \* \*

The following is an outline of the major annual commitments of the UBC Alumni Fund:

The **Dr. N.A.M. MacKenzie Alumni Scholarship Fund** honors UBC president emeritus Dr. Norman MacKenzie. Scho-



Ethel Derrick, BSN'56, requests that her contributions go toward nursing scholarships. Why does she give?

"I just think it is a good thing to do. I had to go back to work to support my children and I felt I needed more training to do it. Through my hospital I got a bursary to let me attend the university.

"Somebody helped me and now I'd like to help someone else.

"Also, I suppose I've kept up contact with the university over the years. My son-in-law teaches there and my daughter has just gone back to do her master's degree, and I go out to the senior citizens' classes in the summer, so I keep in touch."

larships of \$1,000 each are awarded annually to 35 outstanding B.C. students, chosen on a regional basis, who are entering UBC from Grade 12 and to 8 regional college graduates entering third year at UBC.... Bursaries for qualified B.C. students beginning or continuing studies at UBC are provided by the **Walter Gage Bursary Fund**. Formerly the Alumni Bursary Fund, the name is a tribute to the late Dr. Walter Gage, president emeritus, for his many years of service to the university and its students. The minimum annual commitment of funds for the Gage bursaries is \$25,000.... The **John B. Macdonald Alumni Bursaries** honor another former president of UBC, Dr. John B. Macdonald. Bursaries of \$350 are awarded annually to 16 qualified students entering UBC from the B.C. regional colleges. Dr. Macdonald was one of those instrumental in the introduction of the community college system to B.C.

Alumni living in the United States contribute to UBC through an organization called the Friends of UBC Inc. (U.S.A.). The **Dr. N.A.M. MacKenzie American Alumni Scholarships and Bursaries** were established by the Friends of UBC as a tribute to the former president. Ten scho-

larships or bursaries of \$500 are available annually to students whose homes are in the United States and who are beginning or continuing studies at UBC. Preference is given to the sons and daughters of alumni... **Southern California** alumni offer a \$500 annual scholarship, with preference given to a student whose home is in California or the United States. Failing a winner in either of these categories, the university decides the recipient.... An additional scholarship of \$500 for a student whose home is in the U.S. was established by the Friends of UBC in memory of **Daniel M. Young, BA'52**, an active member of the Friends of UBC for many years.

The **Stanley T. Arkley Scholarship in Librarianship** was established by the UBC Alumni Association in 1972 in honor of Arkley's long and dedicated service to the university and the Friends of UBC. The \$500 annual award reflects Arkley's continuing interest in UBC's library and its collection.

Five awards are given under the heading of the **UBC Nursing Division Alumni Association Scholarships**, one of \$500 and one of \$250 for students entering third year nursing and two of \$250 for students entering second year. An additional scholarship of \$250 is offered to a registered nurse student entering third year. One of the criteria is a demonstrated potential for nursing.

The **UBC Alumni Association President's Fund** was established to provide the university president, through an "in trust arrangement," with a discretionary fund of at least \$10,000 to be used to support a wide range of special campus projects.

The university's first president, Dr. Frank Wesbrook, is remembered through the **Dr. F.F. Wesbrook Memorial Lectureship Fund** which provides an annual honorarium fund of \$1,000 to bring distinguished lecturers to the UBC campus.

The UBC Alumni Fund, in addition to its regular scholarship commitments, continues to play an active part in fund raising in several specialized areas including memorial funds. In most cases the fund has accepted full responsibility for organizing the appeals which have established many continuing awards.

The list is a prestigious one headed by the **Sherwood Lett Memorial Scholarship** of \$1,500, awarded to an outstanding student who most fully displays the all-round qualities exemplified by the late Chief Justice Sherwood Lett, UBC's chancellor from 1951-57.... A scholarship that looks for the same qualities in a student is the **Harry Logan Memorial Scholarship**. This award of \$750 is restricted to a student entering fourth year. Harry Logan had a long and distinguished career as professor of classics and was an active member of the university community.



"I always make my contribution to women's athletics because I think they're always somewhat shortchanged. When I was there it certainly was that way, although I don't think the difference is as great now as it was then.

"As a student I received a lot of paid trips as a member of a university team. I still have a close feeling for the university I graduated from and go out and watch the athletic events."

- Barbara Anne Whidden, BE'd'63

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 Dale T. Alexander (MSU'65)

The Frank Noakes Memorial Fund provides bursaries for students in electrical engineering....The **Johnnie Owen Memorial Athletic Award** of \$250 recognizes a student with good scholastic standing and outstanding participation in the student athletic training program or extra-mural athletics....The **Kit Malkin Scholarship** of \$500 is awarded to an outstanding student in biological sciences in need of financial assistance. Malkin, who died while attending Stanford University, graduated from UBC with first class honors in zoology in 1963....UBC's longtime football coach **Frank Gnu** is remembered with a memorial scholarship of at least \$500 awarded annually to a student entering UBC in first year, on the basis of scholarship, financial need, leadership qualities and an interest in athletics.

A scholarship in memory of Professor **Leslie Wong** is awarded to a graduate student in commerce and business administration....In forestry, the **George S. Allan Memorial Scholarship** of \$400 is given for graduate work in fire science or silviculture....Two \$500 scholarships are available for students entering second year metallurgy from the **Frank Forward Memorial Fund**....The **Alex J. Wood Memorial Scholarship** of approximately \$300 is given annually to a fourth year student in agriculture who plans to enter graduate work, preferably in nutrition. Dr. Wood was for many years professor of



"The university's a good place to be. I was out there from eight in the morning till eleven at night and I enjoyed being there — it was fun as well as educational.

"I only graduated two years ago, so this is the first time I've given and I asked that it go to the Walter Gage Fund. The main reason I gave was because of the man, because of Walter Gage, what he stood for.

"I had Gage as a prof for two years. I thought that what I gave would help promote his name and help promote the university. It's really good to have a fellow like that around. I'm sad that he's gone."

— Greg Seid, BSc'76

## Alumni Annual Giving 1978

(A report of alumni giving to the University of British Columbia from April 1, 1978 to February 20, 1979. These are interim figures. The fiscal year for the university is April 1 to March 31 and a final report will be issued after March 31, 1979.)

| Source  | Dollars<br>(to nearest \$10) |
|---|------------------------------|
| <b>Direct — STUDENT AID AND CAMPUS PROJECTS ONLY</b>          |                              |
| UBC Alumni Fund and Friends of UBC (U.S.A.)                   | \$249,480                    |
| Interest on deposits and foreign exchange                     | 12,000                       |
| <b>Building Funds*</b>  |                              |
| <i>(In co-operation with the University Resources Office)</i> |                              |
| Law   | 880                          |
| Aquatic Centre  | 4,270                        |
| UBC Eye Centre  | 2,900                        |
| <b>Cross Credit from UBC Finance Dept.</b>                    |                              |
| Other Gifts**   | 54,390                       |
| <b>TOTAL</b>  | <b>\$323,920</b>             |

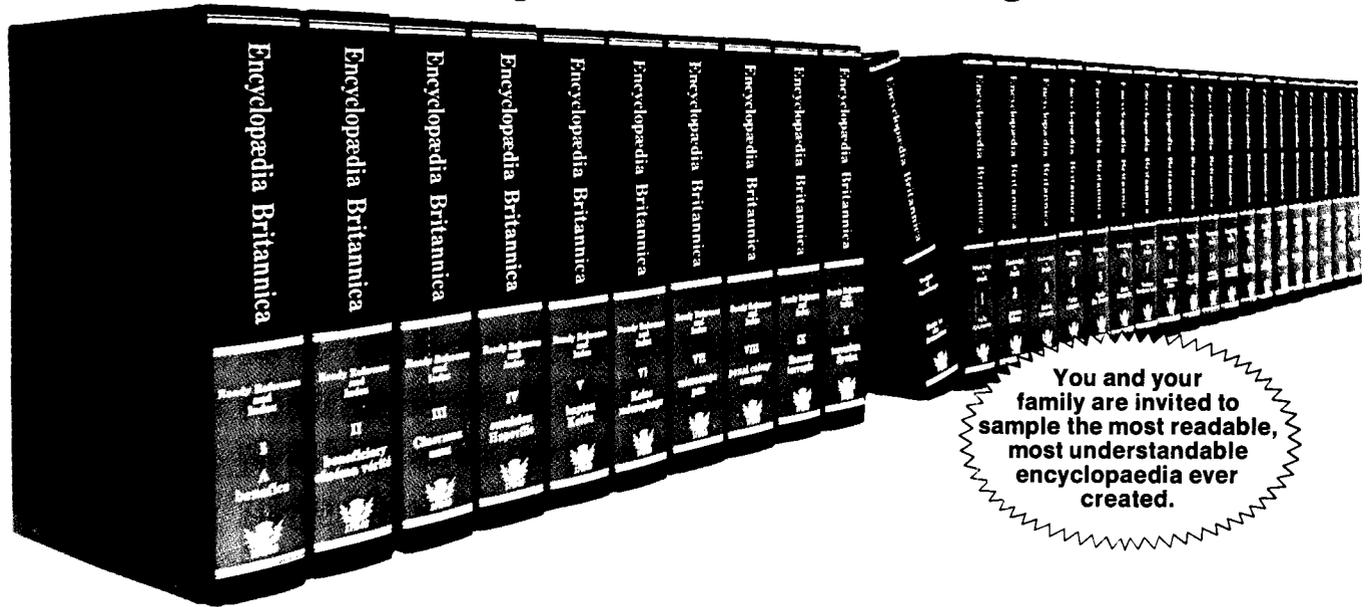
\*Cash and payment on pledges

\*\*Other gifts represent a multiplicity of areas, where the alumnus contributes directly to the faculty or school related to a specific project. These gifts are considered in lieu of donating to either the UBC Alumni Fund or the Friends of UBC (U.S.A.). Estates are not included in these figures.

animal science at UBC. Nursing alumni have created the **Jesse MacCarthy Memorial Fund** in honor of a long-time member of their faculty.

The campus Greek societies, the **Panhellenic Association** and the **Interfraternity Council**, provide an annual bursary for an undergraduate in need of financial assistance....The school of social work is able to bring distinguished scholars and leaders in the field of social work to the school through grants from the **Marjorie J. Smith Memorial Fund**. ...The **Jacob Biely Scholarship** of \$300 for a student in poultry science, is continuing recognition of Dr. Biely's contribution to the development of poultry science at UBC....A scholarship honoring **Wolfgang Gerson**, on his retirement as professor of architecture has been established by his former students and colleagues....Encouragement of student writing is not confined to the *Chronicle* creative writing contest. The **Mack Eastman United Nations Award** is an annual prize of \$100 given in memory of Dr. Eastman for the best essay written on an issue current in the United Nations. □

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# Ice Hockey Is a Woman's Sport

## "She Shoots. She Scores."

Eleanor Wachtel

**A**midst the silver bowls, winged victories, and bronze statues packed into the trophy cases at the War Memorial Gymnasium is an elegantly clothed Japanese doll kneeling on a gold silk tray beside a blue cutglass cup nestled in a gold grapevine: "Presented to the University of British Columbia by Isetan Co. Ltd. Host of the UBC Women's Ice Hockey Team Japan October 1978."

When the UBC women skated through 10 days of exhibition games, a four-team tournament, clinics and group practices during an all-expenses-paid tour in Japan last fall, few would have guessed that these easy winners had formed their team only two years before, for the fledgling intercollegiate team (there are six intramural ones) is good and getting better. "The calibre of play is up two, three hundred per cent" since affiliation with the women's athletics program in 1977, declares coach Jim McMillan, a fifth-year education student.

With herringbone strides, pairs of players skate up to the blue line, stop, and do a cakewalk across the ice. It's called tip-toeing across the blue line — a skating drill that forms part of the regular Tuesday afternoon practice. Initially, it was quite a shock for some players to go from white booties with picks on the toes to these dark, wide hockey skates. Even the muscles used are different.

It seems like a recent phenomenon, all these girls wanting to play ice hockey. Remember Gail Cummings, the 10 year-old who was barred from the Huntsville All-Star boys' hockey team? The Ontario Human Rights Commission ruled that she could play, but last year the Supreme Court of Ontario decided no way. Olympic runner Abby Hoffman clipped her locks at age nine so she could play on a boys' hockey team as Ab Hoffman. When she was discovered, they kicked her out. *She Shoots! She Scores!*, a kids' book pub-

lished by Women's Press a few years ago, portrays — you guessed it — a girl trying to make the boys' hockey league.

It's the old saw of history repeating itself. There's no inherent reason why ice hockey should be linked to the women's movement, but back around the first wave of feminism, just as the suffragettes were achieving their goals, UBC had a women's ice hockey team knocking in a few of their own — in 1915, 1916, 1918 and the early '20s. The boys were away so presumably the girls could play. Then the women hung up their skates for nearly six decades.

"Just look at the noon-hour joggers on 10th Avenue," exclaims women's athletic director, Marilyn Pomfret, "to see how dramatically the level of female participation in sports has increased. It's just become more socially acceptable for women to be athletic. There are more women around the gymnasium in the new pool, and the weights room. Of course one reason is that the weights are no longer in the men's locker room. Greater accessibility and training programs will give women the confidence to go out in public and participate."

Although UBC has always offered a wide range of sports for women, it's only within the last three years that funding levels have begun to reflect the costs of higher calibre participation. Until the fall of '76, the student athletic fee provided \$4.20 for men's sports and \$.80 for women's (in fact, the portion for women was a non-discretionary fee from the Alma Mater Society). That October a referendum was passed increasing the athletic fee by \$2 — all of it to go to the women. Then too, the university's operating grant to women's athletics has more than quadrupled in the past decade. Hops and skips in the right direction, but it'll take a further jump to bridge the financial gap between men's and women's sports.

Still, UBC currently offers more intercollegiate women's sports than any other

Canadian university — 18. Five of these were added since '76: soccer, squash, rowing, sailing and ice hockey, and the new additions begin at the bottom in terms of priorities. Teams competing in the Canada West University Athletic conference are at the top.

"All we get is ice time and barely that," notes team captain Louise Tenisci, a fourth year physical education student. "Boys get four practices a week, each two hours long, plus two games a week." For the UBC Thunderettes it's one hour a week practice and then one or two games on the week-ends. Even the game time is tight. There's no break between periods for the players to retreat to the dressing room to rest and map out strategy. One whistle, change sides, and they're off. "That's because it's so hard to get more than an hour of ice time for girls," adds McMillan. He'd like to see another practice each week.

Braids flying, a helmeted forward practises sprinting between the blue lines. Two players crash against the boards in a skirmish near the net. The next couple chase down the puck while Louise, a centre, explains how she got into the game. It's no mystery: her four older brothers play hockey. "They shot pucks at us (Louise and her three sisters — one of whom, Chris, is on the team) ever since we were little. So I've always wanted to play." Growing up in Trail, B.C., she started when she was in eighth grade playing on skates borrowed from her brothers. Coming from a hockey family meant lots of extra practices. Now, every Christmas, her family rents the Cominco rink for an annual "intramural" game.

"I took figure skating for a year and disliked it — switched to music lessons." Tenisci enjoys soccer, racquetball, and especially the skills demanded in ice hockey. "I hate dribbling a basketball; it's appalling. But doing slapshots for two hours is fine. Does that sound funny? A stick and a puck give you a lot of control,



more, say, than in volleyball.”

Everyone agrees you don't have to be big, just fast. But perhaps you do need to be strong — in a different way. Guys look down on girls for playing hockey,” Tenisci observes. “They don't think it's feminine.” Playing since she was 12, there was a change at 17, a certain unease about being a girl hockey player. Prompted by a concern with their feminine image, a lot of her girlfriends quit. “Guys would laugh at us.” She flashes dark eyes, tugs at her chin straps, and says convincingly that it doesn't bother her.

To be sure, the women aren't hulks or bruisers. But wearing identical equipment to minor league players — even down to jock and shoulder pads — creates more than an illusion of size. The wire mesh cage face mask on the helmet tops it off. For men wandering into the wrong dressing room, it takes a few moments to realize their mistake. The surprise is seeing the svelte figures emerging afterwards.

Equipment can be a burden in another way. McMillan estimates that each player must provide \$200-250 worth herself. Designed especially for women, hockey skates with narrower width boots run \$60-80; a helmet and cage \$30. Louise spent \$50 last season on sticks alone; “one might last only one game.” Some cadge discards from their brothers or hint heavily around Christmastime. Most make do with old things, but with a shin pad only an inch thick, you can really feel a shot. Louise laments that the expense of equipment scares some students off.

A skatathon (150 laps sponsored by donations) and bake sale are planned to raise money. Bake sale? Can you imagine the Thunderbirds holding a bake sale?! Yet the most conspicuous feature of women's ice hockey, and one that's unique to B.C., is body checking. There isn't any. “It eliminates the aggression in hockey, and cuts down injuries,” McMillan explains. Because B.C. is the only province to ban



Eleanor Wachtel



1916

## More Ice-time...

The first face-off in women's ice hockey at UBC appears to have been in the 1915-16 season. The *Annual* records that there were regular practices on Saturday mornings. The first coach of this team was a "Mr. Lett who departed to join his regiment in New Westminster." (That would be Sherwood Lett, BA'16, LLD'45, a distinguished

soldier and later chief justice of B.C. and chancellor of the university.)

They played two games that first season against their only opponent, the Vancouver Ladies. The score in both matches favored the Ladies, "despite the useful work in goal of Margaret Cameron, the good work on defence by Evelyn Story (later Mrs. Lett) and Donna Kerr, the brilliant rush down the ice by Nellie Ballentine who passed the puck to Elsie Hawe who shot it neatly into the Ladies goal." ... Two victories were won the following year by a team equipped with new middy-style uniforms complete with voluminous bloomers.

The 1920 team played only one game against the Vancouver Amazons. It was a losing proposition "however hopes were high for future battles." ... In 1921 a game against Victoria was lost by a "flukey" goal. ... The *Annual* of 1922 notes that the ice hockey enthusiasts came up against an "insurmountable obstacle when those who control the destinies of the arena refused to allow any girls' teams to practice there. However we intend to try again next year." There's no mention of women's ice hockey the following year and today's team still has problems getting ice-time.

body checking for women's teams, it means they can't compete outside the province.

"It keeps university hockey very parochial," notes fourth year history major Lorie Turner. "We were invited to the University of Saskatchewan and even if we'd had the money to go (which they don't), we'd get blown off the ice — literally." They'd also be blown out of the B.C. league which states that no B.C. team can participate in a tournament with body checking. And Lorie Turner's not your tough old veteran. A left winger in her second season, she's combined experience at figure skating with schoolyard hockey with the boys on roller skates. UBC is her first chance to play ice hockey.

An easterner who thinks B.C. is 10 years behind Quebec in terms of technique, strategy and overall skills, Brenda Donas argues that body checking is part of the game. She enjoys the competitive and aggressive aspects of hockey, feels it's a good way to release frustration. As a fourth year biology major, what happens after graduation? There are neighborhood teams. "I'll play until my legs give out," she quips. Then she might become a referee or coach.

"I wish we had women referees: men don't have the right feel for the game since they've never actually played women's hockey." Without body checking there is some inconsistent calling; there's a fine line between a check and a collision.

"Interference is okay," Jim McMillan says, "if you're after the puck, not the player." Generally it's a clean sport. Last year's 12-game season netted not a single injury.

The players wheel around the ice practising wrist shots. Their skating is solid, passing good, shots a bit weak. They huddle around Jim for the next drill. "Girls need more feedback, more approval or carefully worded criticism than boys who've been involved in hockey since they're six. It's all a matter of experience." Jim is learning too.

He works over the basics: power skating, stick and puck handling, and playing position. He breaks down a shot into simple sequential steps. Now the players are beginning to develop their own strategy on the line. They watch the NHL on TV and live amateur teams and see patterns that parallel their own plays which are starting to click. "The Japan trip provided cohesion and, with a practice every day, was instrumental in improving their game," McMillan reports.

Ask the women what they like about hockey and they say things like speed, excitement, skills, a team sport — not all that different from the men. Maybe the only distinction is that the shrieks of triumph are higher-pitched. □

*Eleanor Wachtel, a Vancouver writer and broadcaster, is a frequent Chronicle contributor.*

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Peter Menyasz

## Alumni Branches and How They Grow

*Question:* What's an alumni branch?

*Answer:* Whatever you want it to be.

Basically it's a group of alumni interested in UBC. A branch can be large or small, old or new, with a formal executive or a lone volunteer in the wilderness lying slightly dormant until called upon for feats of organization in the name of UBC.

What usually needs to be organized — with help from the alumni office — is an event sponsored by the association's branches committee that is felt to be of interest to alumni. It could be a visit from a UBC representative — presidents and chancellors have visited most major centres over the years. It could be a speaker of interest to the entire community. It could be purely a social event, a barbeque on a ranch, a pot-luck dinner or a skating party on the Rideau Canal. But it seems to be a rule, that the more active the volunteer members, the better the program. To quote from the "Ottawa Gang of Three" Robert Yip, Bruce de-L Harwood and Wendy Warren "The success or failure of all activities depends on each and every member." The alumni branches committee wants to hear your views. What you like, what you don't like about the program, and of course, they'd also like your help.

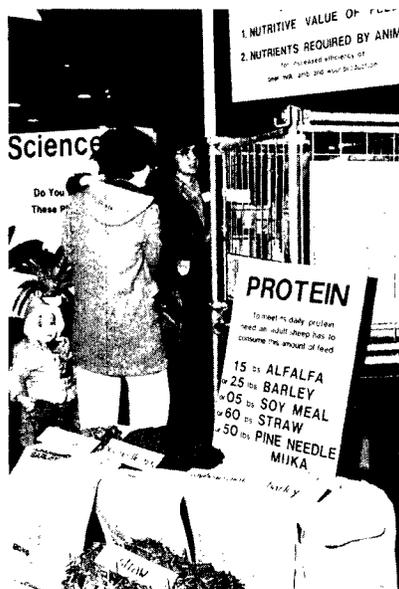
## Meanwhile out on a branch ...

Nearly 2,000 people heard the University Singers during their second annual alumni association-sponsored Vancouver Island Tour in January. They visited **Victoria, Shawnigan Lake/Duncan, Nanaimo, Courtenay and Port Alberni**. Everyone had a grand time by the sound of things.... The UBC Speakers Bureau, with aid of the Koerner Foundation grant and the alumni branches program cooperated with Northern Lights Community College in Ft. Nelson in presenting a program on children and parenting, February 21-23. Du-Fay Der from the education faculty was the guest speaker.

**Okanagan** alumni have a busy season ahead. In late February UBC came to Kelowna in the form of a "mini-Open House" at the Orchard Park Shopping Centre. There were displays from a wide variety of campus faculties and departments. Agricultural sciences offered representatives from its Food Line and Hort Line. Forestry displayed remote sensing — forest and range surveys by satellite and aerial photos. Engineering offered working models and the award-winning urban car. Professor emeritus Harry Warren, discussed prospecting for copper and geological science students showed films on glaciers and how to train dogs for prospecting. The Buchanan Fitness Centre provided staff and equipment to test physical fitness. An art exhibit by the students in education was also on show and there were other contributions from the centre for continuing

Peter Menyasz

*The western Canadian champion Thunderbirds made history by winning their first Shrum Bowl, 22-14, over rival SFU. Over 12,000 came to cheer at Empire Stadium, including UBC president Doug Kenny (top, centre) and Gordon Shrum (left) who presented the trophy to Thunderbird quarterback Dan Smith (right).*



John Schelling

*...UBC went to Kelowna with a wide variety of displays in February. (Left) Agricultural sciences took along a live sheep (in cage) and a variety of experts and plants.*

*... (Below) The University Singers board the bus with director James Schell (in dark jacket) for their Vancouver Island tour.*





Jim Banham

A "building block" of \$5,000 has been given by the Vancouver Rotary Club to help officially launch the Walter Gage Memorial Fund campaign. Gordon Youngson, (left), president of the club, presented the cheque to UBC president, Dr. Douglas Kenny who accepted it on behalf of

the university and the alumni association, represented by George Plant (right) association vice-president. A special UBC Alumni Fund campaign is now underway to create an endowment for the Gage Fund.

education, the awards office and the alumni association.

The major event of the Okanagan agenda will be the April 30 reception and dinner to welcome the UBC board of governors who are meeting in Kelowna at the invitation of the Chair. (That's Ian Greenwood, BSA'49, head of B.C. Tree Fruits.) Full details of the event will be mailed early in April. Alumni will have ticket priority for the Capri Hotel dinner.

Further afield....In California UBC, McGill, Queen's and the University of Toronto alumni are hosts for a reception and dinner in San Francisco, March 16, to which all alumni of Canadian universities are welcome. Guest speaker is Harry Horne, Canadian consul general in San Francisco. . . Los Angeles alumni are planning to place a plaque honoring the late Walter Gage in his old classroom, Arts/Math 100. Further plans will be made at the pot-luck dinner April 28 in Los Angeles. Watch for details or contact Elva Reid, 213-799-0787.

## Nurses Celebrate Diamond Jubilee

UBC's nurses are celebrating their diamond anniversary with a yearful of special events.

A campus reception February 24 launches a "Toward Year 2000" seminar that will discuss international health problems and development issues. The Jubilee banquet is May 24 at the faculty club. Tickets are \$15 and available from the school. The following day is filled with lectures, campus tours and activities. In the evening the tenth annual Marion Woodward lecture will be given by Alice Baumgart, BSN'58, dean of nursing at Queen's University (8 pm in the Instructional Resources Centre). Class reunions are being planned for the weekend.

## A Computerized Apology

Computers get blamed for a lot of things — but this problem is very human.

Several alumni have brought it to the attention of the alumni fund that they received a second solicitation letter in 1978 — when they had already donated. Normally the alumni fund does not ask for your help again in a year in which you have already made a contribution. The only exception is the case of special appeals for groups such as the Big Block or a memorial fund campaign such as the one underway honoring the late Dr. Walter Gage.

Last fall a complication arose. Work had been underway revising the alumni computer records system and unfortunately it made it impossible to enter all the earlier donations in time to have those names eliminated from alumni who received the November mailing. The result was that everyone received a second letter whether they had contributed to the alumni fund in 1978 or not.

The problem is now being resolved, said Dale Alexander, director of the fund. "We appreciate the continued support of the alumni and apologize for any misunderstanding and inconvenience caused by the second 1978 mailing."



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## Alumni Miscellany

### The Institute and the Irish

Connor Cruise O'Brien, editor of the *London Observer* will be guest speaker at a special Vancouver Institute lecture May 5, 8 pm at the Woodward IRC. He was originally scheduled to speak at the Institute in February. In addition to his institute lecture O'Brien will be one of the many international participants in a campus conference on Irish culture. There'll be discussions on drama, and theatre, criticism and biography, James Joyce, historical perspectives, women in Ireland, and Irish language and readings by novelists and poets. The conference, May 2-5, at UBC's International House is open to all interested in Irish history, culture and society. A fee of \$32 includes lunch and two receptions. Vast supplies of Guinness are assured. For information and a detailed brochure, contact the Centre for Continuing Education, UBC, 228-2181.

### Spring social notes

Social notes for the Spring season: The second annual revival of an old alumni custom, The **Spring Dance**. This year the event is March 17 at the Delta River Inn with a midnight buffet to sustain those who have danced all night to "City Haul." . . . Graduation '79 is quickly approaching and if you have relatives participating in the congregation ceremonies this year plan to make it a day on campus. The Young Alumni Club is hosting a chicken barbeque at Cecil Green Park after the ceremony and the reception (May 30, 31 and June 1). It's a perfect place to bring the whole family, the chicken is great, the view superb and the tickets reasonable, \$3.75/person. Early reservations advised, 228-3313, the alumni office.

### Homecoming '79

It's reunion time again! . . . The Law '69 reunion committee takes the prize for the most original reunion venue, Las Vegas. Marty Zlotnick and his committee, John Norton and John Hannah have arranged an excursion to the Riviera Hotel, May 18 - 21. Sun, golf, tennis, bright lights, sequins and one-armed bandits are a sure bet. It makes the usual Homecoming campus walking tour sound a bit pedestrian though. The Homecoming committee is working on the problem. Suggestions or help with planning are welcome, just contact the alumni office. **Homecoming '79** is scheduled for October 26-28, for reunion class years '24, '29 (their 50th anniversary), '34, '39, '44, '49, '59, '64 and '69. Plan now to attend — it won't be the same without you.

### Divisions multiply

Among the divisions. . . **Dental hygiene** is preparing its 1979 program and is looking for ideas from members. . . The annual dinner of **health care and epidemiology** is tentatively scheduled for May 29 at Cecil Green Park. The division is currently co-sponsoring a series of college-alumni seminars on health services planning at the Robson media centre. . . The **home economics** division is in need of volunteers for its executive committee. Construction is expected to start in July on the new Home Ec building and the division is seeking funds to equip one of the student common rooms or

work areas. Contributions can be made through the alumni fund, just designate your gift for home ec.

### Association appointment

Ann Harvey Marantz, BA '73, has joined the association staff as alumni records system coordinator. She is responsible for the data processing and computer application requirements of the association's activities. She replaces Simon Curley, coordinator for the past seven years, who has left to pursue a new career.

### Plants make nice pictures

Plantae Occidentalis, a display of botanical art in British Columbia opens at the UBC Museum of Anthropology April 1. The exhibition will have over 90 contemporary works, mostly watercolors and 20 historical paintings and drawings.

The exhibition is sponsored by the Botanical Garden and has been assembled with the aid of the volunteer members of the Friends of the Garden. After it closes at UBC September 2, the exhibition travels to the Museum of Natural Science in Ottawa, the Manitoba Museum of Man and Nature in Winnipeg and the Glenbow-Alberta Institute in Calgary.

## Willing to Remember

*For the common man the best memorial is some beneficent thing or function that shall bear his name — Charles Copeland.*

It's thoughts like Copeland's that persuade men and women — alumni, graduates, faculty and other members of the university community — to consider and include the University of British Columbia in their estate planning. Two recent examples are the bequests from Dr. Honor Kidd Timbers and Prof. Mollie Cottingham.

The bequest of Honor Mary Kidd Timbers, BA'26, (MD, McGill), a well-known cancer researcher, who died in 1977, has enriched the university's library collection, will support future productions at the Frederic Wood Theatre and will provide substantial continuing funding to aid the activities of the department of medicine. She was the daughter of the founder of the Overwaitea Stores.

Mollie Cottingham, who retired as professor emerita in 1971 after 13 years in the faculty of education, created through her will, an annual scholarship of \$750 for a student in education. Her gift to the university will mean this scholarship can be awarded in perpetuity.

Bequests come in all sizes and forms. Most are outright cash bequests, but others have been gifts-in-kind, books, works of art or specialized collections. All are gratefully received and are used as specified by the donor.

The University Wills and Bequests Committee, chaired by Robert Whyte, BCom'44, will be pleased to provide any assistance on university programs or needs that may be of use in your personal estate planning. Please write in confidence to the executive secretary, University Wills and Bequests Committee, Main Mall North Administration Building UBC, Vancouver, B.C. V6T 1W5 (228-3917). □



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# Spotlight

## 30s

Stepping down this winter as chancellor of the University of Victoria is **Robert Thomas Wallace**, BA'32, MA'47, whose association with Victoria College has been a "54-year mutual love affair." ... Taking over is **Ian McTaggart-Cowan**, BA'32, DSc'76, (PhD, California), who began his duties as the new chancellor in January. McTaggart-Cowan's list of distinctions include many from wildlife societies and institutes, election to the Order of Canada and appointments to learned societies. His list of publications on the biology of birds and mammals, conservation and the management of environmental impacts of resource development numbers more than 230, and he has also created over 50 hours of television and film concerning biology.

Two December court appointments saw **Nathan Nemetz**, BA'34, LLD'75, appointed as chief justice of the B.C. Court of Appeal. Nemetz has served on numerous boards and organizations, and was chairman of the board of governors of UBC from 1965 to 1968 and was chancellor of UBC from 1972 to 1975. **Allan McEachern**, BA'49, LLB'50, assumes Nemetz's position as head of the B.C. Supreme Court. He has earned a reputation as one of Canada's foremost lawyers, is former president of the B.C. Lions, and was president of the CFL in 1967.

Formal retirement has come for **W. Breen Melvin**, BA'35, active in the Cooperative Union of Canada for 30 years, and before that, leading the Canadian arm of CARE. He is devoting the first part of his retirement to establishing an archival record for insurance cooperatives. ... **Charles William Wood**, BSA'36, retired in October as head of the B.C. ministry of agriculture, poultry branch. He has been in the industry for 40 years and has seen the monumental changes leading from individual operations to today's marketing boards.

One of the many scientists whose achievements in research have gone unsung by the lay-public, **Aser Rothstein**, BA'38, (PhD, Rochester), chief administrator of the research institute at Toronto's Hospital for Sick Children, has made a contribution, internationally recognized in the scientific community, in medical research with his exploration of the way cells move substances in and out through their membranes. His discoveries have important implications for cancer, organ transplants, hormone disorders and the development of a healthy body.

## 40s

An honorary Doctor of Laws degree was bestowed upon **William H. Barton**, BA'40, by Mount Allison University, New Brunswick, last fall. Dr. Barton is permanent Canadian representative to the United Nations. ... Permanent fixture on Canada's literary scene,



John Mahler

## Dianne Filer

**D**ianne Livingstone Filer arrives out of breath: she's just rushed away from another "interminable" CBC area heads' meeting. The maitre d' rushes over to greet her, lights her cigarette and makes a couple of recommendations for lunch. We're lunching at one of her favorite spots, Noodles, a chic Toronto eatery as noted for its zappy decor — all chrome, leather, mirrors, red tile and hot pink neon — as for its excellent Italian dishes.

Revived with a glass of Perrier water, Dianne Filer begins to reminisce about how odd little incidents often become major turning points in a person's career. Hers really began, ironically, exactly 13 years ago from this day, with what amounted to a dare. Then a lowly CBC radio program assistant in Vancouver, she was at a dinner party with friends in Toronto where talk got around to careers and futures and she was being joshed that she would never leave the west coast because it was "too cushy." She promptly phoned her mother, told her she had landed a job and was moving to Toronto within six weeks. "I gave notice on my rented house, got on board the plane with my kid and my TV set on my lap and took off for Toronto."

It was a big gamble: she had nothing lined up. It was a gamble that paid off because today Dianne Filer is head of CBC radio variety. She's also one of the corporation's little-noted grey eminences whose work in recent years — on "Gerussi," "Concern" and "Quirks and Quarks" — has done much to make CBC radio (unlike its visual counterpart) a lively, informative medium.

The first job she landed in Toronto was in CBC television "as secretary to a guy who said he'd never hired anyone who was not called Diane or Diana." But she didn't actually have to take that job because she got an offer from Harry Boyle, late of Canadian Radio - Television Commission to do contract research for a documentary he was doing on John Diefenbaker. Boyle had been impressed with what he knew of her work in Vancouver, where she had actually begun her career in 1961. Following graduation from UBC in French linguistics, in 1954, some post-graduate work in Paris and an unsuccessful marriage, Filer joined CBC radio as a program assistant in order to support her son, Roderick, then three years old. While she tackled a variety of research

and interview assignments, she first came to attention in organizing research for a 50th anniversary broadcast on the sinking of the Lusitania, tracking down living survivors for interviews. The program, "Rendezvous with Death," won the coveted Italia Prize in 1965.

From working with Boyle she went on to become associate producer of the newly-launched national morning radio show, "Gerussi." Within six months they were looking for a new producer and she asked to have a crack at it, and was accepted. "I developed the 'Gerussi' concept," she admits. "There was no prototype to work from, so we could create and invent things." Filer deftly exploited Bruno Gerussi's ebullient personality, mixing light with serious topical items, music with poetry readings, making the show a national hit.

After spending five months in England studying broadcasting (she had been awarded an Imperial Relations Bursary for Excellence in Broadcasting in 1971), she became producer of CBC-FM's prestigious series, "Concern." Filer quickly established a reputation as an imaginative, super-fast editor and a very supportive person to work for. "I'd write something and trot into her office like a dog with a dead mouse and lay it on her hearth," recalls former "Concern" host-writer Warren Davis. "And she'd say it was just marvelous. She always thought that it was the finest piece of prose since Will Shakespeare." Under her guidance, "Concern" was a three-time winner of Ohio Awards for excellence.

Dianne Filer also originated the concept (and name) of "Quirks and Quarks," the popular radio science show. But she had been looking unsuccessfully for two years for the right host when she attended a UBC alumni meeting in Toronto at which UBC zoology professor Dr. David Suzuki was speaking: suddenly she knew he was it. Suzuki has been a key to the success of the show because he has a lively manner, a wide ranging interest in science and is able to "ask the informed dumb question that listeners want answered — and is committed to de-mystifying science." The show is still going strong.

Warren Davis, for one, is convinced that she's on her way to the upper corporation eschelons and it's good news for CBC. "She's a brilliant woman. My prediction is that she's going to become the first woman vice-president of the CBC." *Clive Cocking*





Gordon Bell

**Pierre Berton**, BA'41, delivered the convocation address at Dalhousie University at Halifax at the end of the fall term. The address has not yet been placed in competition with Berton's previous works which have won him the Governor-General's award for creative non-fiction (three times) and the Stephen Leacock award for humor....Liverpool native, **Gordon M. Bell**, BASc'42, has been named vice-chair of the light metals committee for the American Institute of Mining, Metallurgical and Petroleum Engineers of the Metallurgical Society.

Kudos to the *Chronicle* staff for "doing a great job" come from Dr. **Robert Davis Lawson**, BASc'48, who has recently moved from Western Springs to Downers Grove, Illinois.

Thank you, Dr. Lawson....Alberta's Land Compensation Board, part of the attorney-general's department now includes **Clifford V. Faulkner**, BSA'49, as one of its three members....Active consideration of advertising by lawyers in Ontario "doesn't bother" the new president of the Ontario branch of the Canadian Bar Association, **William Herbert Kidd**, LLB'49, (better known as "Cappy" in Cambridge, Ontario). Another belief of Kidd's is that each division should comment on pending legislation in both draft and final form.

## 50s

New chief engineer at a concrete pressure pipe plant in Dammam, Saudi Arabia, is **J. Phillip Briba**, BASc'50, a 27-year veteran with Ameron, Inc. Briba has been instrumental in building similar facilities in the U.S., Colombia, Ecuador, Okinawa and Kuwait....In 33 years of active military service, Brigadier-General **John J. Collins**, BA'50, (MSc, MIT), lived from one end of North America to the other. Most recently deputy commander of the 23rd NORAD region, Duluth, Minnesota, Collins served with the British Merchant Navy, the RAF Reserve and the RAF before attending MIT. He also served as commander of NORAD's backup stations in St. Margarets, N.B. and Othello, Washington, as well as in NORAD headquarters in Colorado Springs

and in Ottawa. He retired in October....The driving force behind the B.C. provincial branch of Canada's 10,000 member Retail Merchants' Association is **Joan Cecilia Wallace**, BA'50, a self-taught expert with extensive background in public relations and association management in Toronto and Vancouver. She spearheads an effective retailers' lobby from her tiny office in Kitsilano, coordinating more than 300 retailers across B.C.

Newly appointed to the board of directors of Arts Etobicoke is **Ian James Billington**, BASc'51, MASC'52, who is also involved with the St. Andrew's Festival in the arts as well as the Photographic Society of America....For 25 years an employee of Atomic Energy of Canada Research Company, **Eugene Critoph**, BASc'51, MASC'57, formerly director of the advanced projects and reactor physics division, Chalk River) has been appointed vice-president and general manager of the Chalk River Nuclear Laboratories installation of the company....December saw **MacKenzie C. (Mac) Norris**, BASc'51, appointed president and chief executive officer of British Columbia Railway. He has been with BCR since 1970.

Mississauga has a new city solicitor in the person of **Leonard W. Stewart**, LLB'51, formerly Peel regional solicitor (since 1974). Prior to moving into the Peel region, Stewart was legal counsel for Toronto Township....A three-year assignment with the United Nations in Rome as head of the fisheries department, food and agriculture organization, belongs to **Kenneth Charles Lucas**, BASc'52, who took up the position in November leaving his job as

### UBC Alumni Association National Scholarship 1979

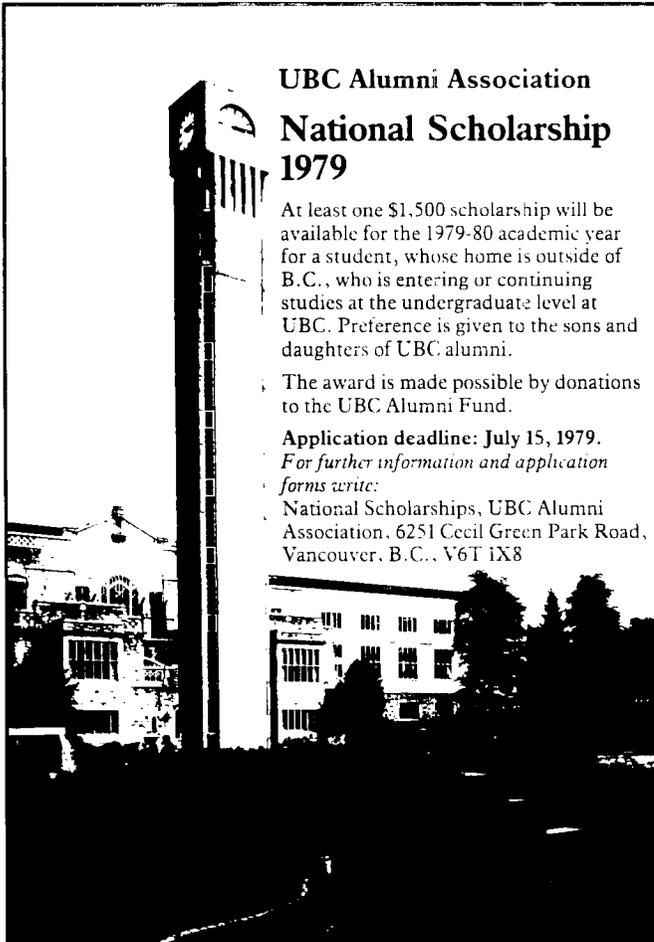
At least one \$1,500 scholarship will be available for the 1979-80 academic year for a student, whose home is outside of B.C., who is entering or continuing studies at the undergraduate level at UBC. Preference is given to the sons and daughters of UBC alumni.

The award is made possible by donations to the UBC Alumni Fund.

**Application deadline: July 15, 1979.**

*For further information and application forms write:*

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Russell Fraser

senior assistant deputy minister of fisheries and marine in Ottawa....The masthead of *The Advocate* remains unchanged with **Mary F. Southin**, Q.C., LLB'52, remaining on the editorial board, but her term as treasurer of the Vancouver Bar Association has ended. Her "Swan Song" appears in the same issue of *The Advocate* that names the treasurer-elect, **Harry Rankin**, BA'49, LLB'50, who inherits the position by way of his seniority in the VBA...UBC's department of family practice welcomed as its head **Peter R. Grantham**, BA'54, MD'58, who was also appointed first Royal Canadian Legion professor. Dr. Grantham will aid UBC's medical school in introducing more students to rural practice and increasing the contact of students and residents with family physicians.

A past president of the Alumni Association, **Kenneth L. Brawner**, BA'57, LLB'58, has been appointed to the interim advisory board of trustees of Vancouver General Hospital....The American Statistical Association has elected **Donald G. Watts**, BAsc'56, MAsc'58, a Fellow. He is a professor of mathematics and statistics with Queen's University at Kingston, Ontario. He was cited for his notable contribution to time series analysis, including spectral analysis techniques....The Association of Professional Engineers of B.C. held its 59th annual meeting, electing as president, **Russell G. Fraser**, BAsc'58. Its council includes **Norman A. Johnson**, BAsc'63, MAsc'67; **Norman Bestwick**, BAsc'53; **Jerrold E. Vernon**, BAsc'57; **Robert S. Moulds**, BAsc'51; **Robert C. Watters**, BFors'52; and **Robert D. Handel**, BAsc'49 (immediate past president), and from the provincial government, **John A.H. Lund**, BAsc'51.

Newly appointed director of the National Water Research Institute at the Canada Centre for Inland Waters in Burlington is **G. Keith Rodgers**, MSc'58, (PhD, Toronto). He began his study of lakes in 1958 as a research assistant of the Ontario department of lands and forests, and prior to his recent appointment, was acting director of the institute....Colonel **W. Neil Russell**, BAsc'58, is the new Canadian Forces attaché to Italy and Greece, based in Rome. A graduate of the Royal Military College at Kingston, Ontario, he was most recently deputy commander, Air Transport Group headquarters, Trenton, Ontario....Vancouver's Robson Square complex was the centre of attention for acupuncturists in North America when Dr. **Effie Chow**, DPHN'59, led a workshop in holistic health in November. She has worked at VGH, Riverview and Metropolitan



Bruce Page

Health Unit and is a certified acupuncturist in the State of California....The Ontario government conferred the honorary title of Queen's Counsel on **William Robbins**, LLB'59, a lawyer with a St. Catharines, Ontario law firm.

## 60s

A viewing audience larger than that for *Roots* tuned in to a 90 minute TV special on the life of Christ shown at Christmastime on Thai television. Rev. **Frederick J. Pratt**, BA'60, has worked with the Christian and Missionary Alliance in Thailand since 1962 and spoke at a missionary conference in Portage la Prairie, reporting on the role of mass media in overseas evangelism....Author and mountain sheep expert **Valerius Geist**, BSc'60, PhD'67, met a controversial issue head-on in October's *B.C. Outdoors* magazine when he wrote "In Defense of Trophy Hunting." Geist is professor and associate dean in the faculty of environmental design at the University of Calgary and is the author of *Mountain Sheep* (University of Chicago), *Mountain Sheep and Man in the*

*Northern Wilds* and a third book about to be released on the type of environment man ought to strive for and develop—for human beings. ...Current head of the Wine Council of Canada is **Edward S. Arnold**, BSA'61, who has been elected president of Bright's Wines in Niagara Falls, Ontario. He was previously on the board of directors at Andres Wines in Ontario.

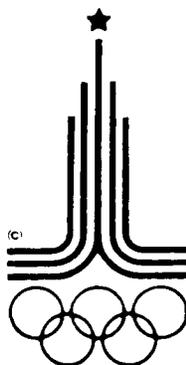
Everyone wants to know more about China. The executive director of the Britannia Community Services Centre in Vancouver, **Michael J. Claque**, BA'63, visited China while on sabbatical this year, and the results of his trip (to study social and community development) were the subject of "Social Development in China Today," a slide lecture given at Nipissing College Alumni Association in Ontario....From Ontario comes word that **George C. Dogterom**, BCom'63, has joined BSi Incorporated (benefit plan consultants and administrators) in Toronto. Mr. Dogterom has spent the last 15 years both in an insurance and consulting capacity in similar fields...When our alumni records department searched for Dr. **Maurice B. Lambert**, BSc'63, MSc'66, last November, it found him in Ottawa, working with the Geological Survey of Canada, and the author of *Volcanoes* (Douglas & McIntyre), published in December.

The board of governors at Simon Fraser has welcomed **George Hungerford**, BA'65, LLB'68, to a three year term. Hungerford also chairs the B.C. Sports Hall of Fame...Western Mines Limited Vancouver head office is the new home base for **Bruce K. McKnight**, BAsc'65, who has been appointed manager, corporate planning and development...Formerly *Globe and Mail* Peking correspondent, **Ross H. Munro**, BA'65, is now based in Hong Kong where he is the far eastern economic correspondent for *Time* magazine....For the first time in eight years a Canadian, rather than an American, is chief curator of the Art Gallery of Ontario, a fact that will please those who demonstrated against the appointment of an American in June of 1972 by chaining themselves to cabinets in the gallery. Dr. **Roald Nasgaard**, BA'65, MA'67, says, "I'm very

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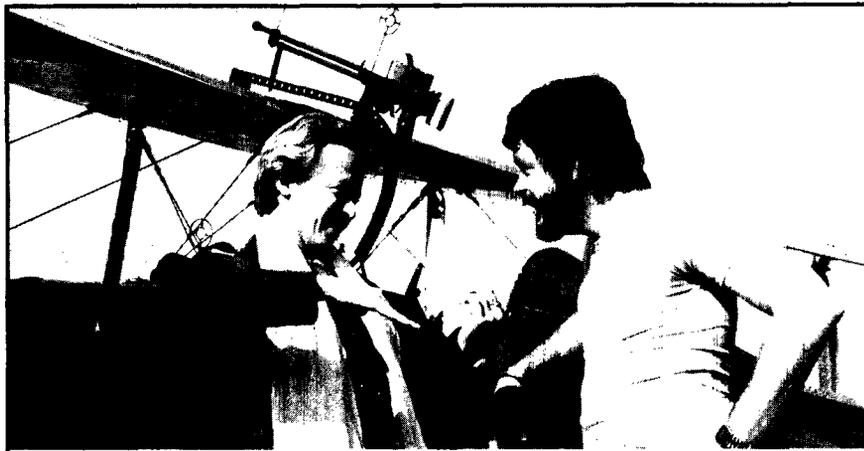
Pre-booking for the Olympics requires a \$300 deposit by April 1 and limits enrollment to 30.

\$3800. anticipated costs for accommodations, some meals, air fare and course-related travel, Olympic tickets, cancellation insurance (for medical reasons) and course registration. Application fee for new students to UBC is \$15. (\$650. is deductible from Canadian income tax.)

UBC Comparative Physical Education expert Dr. Eric Broom will conduct the courses; education experts and university professors from the cities visited will also lecture.

For additional information send coupon to the Office of Extra-Sessional Studies, The University of British Columbia, Vancouver, B.C., V6T 1W5, Canada or telephone (604) 228-2657.

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Eric Peterson (as Billy Bishop) and John Gray (right).

## John Gray

**A**t first glance it was a one-man show — but then who was the man? Was it actor Eric Peterson who capered, chortled and reminisced his way through last fall's long-running production of *Billy Bishop Goes to War*? Or was it John Gray, MA'71, who directed the show and also wrote the script and all the lyrics and music for it — and who sat by the piano onstage in a World War I uniform and provided sounds of cavalry, machine guns, windstorms, sputtering engines as well as joining Peterson in refrains such as:

*We were off to fight the Hun  
and it looked like lots of fun  
somehow it didn't seem like war at all...?*

The innocence of the time turned to high heroism, but whether Billy Bishop shot down 72 German planes because he fancied himself a defender of Right or because he liked flying and wanted to beat a contemporary British record was left to speculation. In the manner of a crusty veteran expanding on his war memories at the local Legion, Peterson brought to life the great Canadian flying ace as Gray envisioned him.

Why did Gray choose Billy Bishop as the focus of a play? "Because he was the best,"

Gray says simply. "That's an image of Canada we don't often see."

Gray has worked with Peterson for years, ever since the founding of Tahmanous Theatre in the early '70s. The success of shows like *Bull Durham* and *Salty Tears*, which Gray wrote and composed took him inevitably to Toronto where he found himself writing music for Theatre Passe Muraille and Tarragon Theatre as well as television. By then he had decided he might as well be director, composer and playwright, and "collect three salaries."

He directed productions at the National Arts Centre, Global Village, Festival Lennoxville, and at York University where he also taught theatre for a time. He was becoming an accomplished musician, and *18 Wheels*, *The Farm Show* and *As Far as the Eye Can See* were some of the musical shows that toured Canada that he had a hand in. *Billy Bishop* will also play other Canadian centres this year.

Originally from Nova Scotia, Gray, now 32 and divorced, does not call any one place home. "I'm a migrant worker," he says. Which is a curiously down-home but maybe very appropriate description of someone who puts all his energy into the spreading patchwork of Canadian theatre.

— Viveca Ohm

happy with my inheritance."

**Nurudeen O. Adedipe**, BSA'66, PhD'69, has been appointed dean of the faculty of agriculture and forestry at the University of Ibadan, Ibadan, Nigeria.... Former *Ubysssey* editor, **Thomas E. Wayman**, BA'66, is increasingly busy across Canada as simply "Tom Wayman", poet, reader, teacher, and writer-in-residence currently at the University of Alberta in Edmonton. Wayman has published five books and edited two anthologies of work poems.... Fifteen years ago, **Charles G. Embree**, MSA'68, was a T.A. in the plant science department at UBC. Now, he's director of horticulture and biology services for his native Nova Scotia's department of agriculture and marketing, living in Port Williams.

From Ottawa comes word that **Bruce G. Page**, BA'68, will spend five weeks this spring travelling and meeting with officials throughout the European Common Market. He is one of two Canadian journalists on the tour.... He has mastered his three barges on Takla Lake, piloted his own plane, is a scuba diver and has worked for Columbia Cellulose. Now, if you

stop in at the Travelodge in Cache Creek, B.C., the operator who greets you will have done all these things: he is **Ted Jolivette**, BCom'69, who has moved his two sons and his wife to Cache Creek to run the lodge which they hope to expand "when we learn how to run it."

## 70s

Canada's largest school of medicine, the University of Toronto, has recognized Captain **Blake M. Hoffert**, BSc'70, for outstanding academic achievement with the Cody gold medal for 1978. Captain Hoffert is interning at York-Finch General Hospital in Toronto and will be with the Canadian Forces medical services upon completion of his internship.... **Kenneth E. Rutten**, MSW'70, and his wife, **Jan Clayton Rutten**, MSW'70, have moved from Halifax to Lac Laronge, Saskatchewan. He has been appointed assistant deputy minister of health, social services and

education with the department of North Saskatchewan.... A shortage of library positions? It might be because UBC grads have them all nailed down. Recent appointments include: **Barbara H. Clubb**, BLS'71, formerly with Manitoba Provincial Library Service to library consultant with Alberta department of culture; **Donna Marion Dryden**, MLS'77, to the executive of the Foothills Library Association in Calgary; **Barrie J. Campbell**, BA'67, BLS'68, formerly of the Edmonton Public Library to head, Memorial Park Branch of the Calgary Public Library; **Luis C. Chaparro**, MLS'75, MA'77, to reference librarian, El Paso Community College learning resources centre, El Paso, Texas; and **Richard L. Hopkins**, BEd'67, BLS'69, MLS'74, MA'76, head of reference services, Southern Alberta Institute of Technology learning resources centre. Congratulations all!

The only individual Award of Merit winner in Canada in 1978 was **Alan F.J. Artibise**, PhD'72, who was cited for his historical writings on Winnipeg. Artibise is general editor of the National Museum of Man's series, *The History of Canadian Cities*.... **Annemarie Schueler**, BEd'72, is currently organizing the 50th reunion meeting of the Point Grey Secondary School. The event will be held on October 26, 1979 and anyone interested is urged to contact the school for further information.... From London comes news of **Herbert F. Weitzel**, LLB'73, and wife, **Jane Elizabeth Leir Weitzel**, BEd'75, who are now living in England where he is studying for his master of law degree at the London School of Economics. Mrs. Weitzel is studying photography at the Polytech of Central London.

The first executive director of the Canadian institute for historical microreproductions is **Ernest B. Ingles**, MLS'74, formerly head, department of rare books and special collections, University of Calgary. Written material by or about Canada and Canadians will be preserved through the microreproductive process.... The one way to learn how to play the cymbaly (dulcimer) in the traditional Ukrainian dance accompaniment is to study from other musicians — there is no formal teacher-student or written method structure in Canada. **Ken Trafananko**, BEd'74, plays the cymbaly for the Vancouver "Cheremshyna" dance company and was featured in last fall's Sunday Concert Series at the Surrey Arts Centre.

Hungry? Try some leather. Fruit leather, says **Richard John Hunt**, BA'76, from his position as founder and owner of Edible Dried Goods in Penticton, B.C. Hunt has brought a 4,000 year old Syrian process for pureeing, layering and drying fruit into "leather" to a public hungry for basics and local produce. Hunt also teaches customers how to manufacture the product themselves.... Travel, "a good education" and no social life are the lot of Canadian athletes according to Action, B.C.'s newest employee, Olympic class sprinter and track record holder **Patricia G. Loverock**, BRE'76, who, with Debbie Brill, is promoting a more positive lifestyle to young B.C. residents. Anti-smoking and pro-exercise are two stances of the program.... If you are travelling across Canada next summer and wonder what the insides of those east coast white frame houses are like, stop in at the home of Debbie and **Ross W. Sharp**, MA'76, outside of St. Peters (population 300), P.E.I. They have converted the big white house into a mini-farmhouse-hostel that hosted 80 travellers dur-

ing the first two weeks they opened their doors last June. The Sharps like what they are doing and don't miss their almost-native Edmonton — too much.

## Weddings

**Anderson-Zuker.** Robert K. Anderson to Valerie C. Zuker, Mus'73, December, 1978 in Vancouver, B.C....**Gregson-Blair.** Alan P. Gregson, BA'76, to Betty J. Blair, BA'72, MLS'74, August 5, 1978 in Langley, B.C....**Karaplis-McNab.** Pantelis Demetrius Karaplis, BArch'77, to Linda Susan McNab, BA'72, BSW'77, June 24, 1978 in West Vancouver, B.C.

## Births

**Dr and Mrs Biddanda U. Achia,** MASc'72, PhD'75, a son, Sunil, December 14, 1978 in Sarnia, Ontario....**Mr and Mrs William M. Driscoll** (Anna Mitchell, BHE'68), a daughter, Sarah Theresa, May 25, 1978 in North Vancouver, B.C....**Mr. and Mrs. Stuart William Gilroy,** BCom'52, a son, Scott Jonathan, March 21, 1978 in Edmonton, Alberta....**Dr. and Mrs. Anthony F. Graham** (Shannon E. Butt, BHE'66), a daughter, Suzanne Caroline, November 3, 1978 in Toronto, Ontario....**Mr. and Mrs. Barrie J. Humphreys,** BEd'67, (Catherine Pike, BA'67), a son, James Grant, June 27, 1978 in Toronto, Ontario....**Mr. and Mrs. H. Anthony Kluge,** BSc'72, (Wendy Sinclair, BA'74, MLS'76), a daughter, Jennifer Michelle, November 5, 1978 in Surrey, B.C....**Mr. and Mrs. Philip Bridgman Lind,** BA'66, (Anne Rankin, BA'66), a son, Jed Alexander, March 1, 1978....**Mr. and Mrs. B. McFadgen,** (Betty I. Richardson, BA'61), a daughter, Belinda Kate, June 14, 1978, in Wellington, New Zealand....**Mr. and Mrs. John Barry McGillivray,** BSc'69, LLB'72, (Diane Currie, BSN'70), a son, Drew Gordon, November 26, 1978, in Summerland, B.C....**Mr. and Mrs. Donald J. McLellan,** BASc'72, (Alyson J. Fisher, BPE'71), a son, Iain Cameron, August 15, 1978 in Coquitlam, B.C....**Mr. and Mrs. Christopher W. Moss,** BEd'77, a daughter, Julianne Christine, September 14, 1978 in Victoria, B.C....**Mr. and Mrs. David Parsons,** BSc'71, MD'74, (Barbara Bennett Parsons, BHE'74), a daughter, Ainslie Bennett, May 18, 1978 in Midland, Ontario.

## Deaths

**Howard P. Cleveland,** BCom'33, November 1978 in North Vancouver, B.C. Cleveland was a member of the Japan-touring rugby team in 1933 and served with the RCAF in WWII, flying night raids over Germany, in the course of which he was shot down, interned in Sweden and awarded the DFC. Returning to Vancouver after the war, Cleveland became president of Neon Products Company. He was predeceased by his first wife (Jean I. Cleveland,

BA '36) and is survived by his second wife, two daughters, a sister and a brother (Courtney E. Cleveland, BASc'34).

**Peter Neve Cotton,** BArch'55, December 1978 in Victoria, B.C. He was with the provincial government's public works department from 1955 until 1961, when he entered private practice in Victoria. He designed the SUB for Victoria College and was active in the Greater Victoria Historical Buildings Foundation. He is survived by his mother and two sisters.

**Rev. Lawrence C. Luckraft,** BA'16, April 1978 in Cornwall, England. One of the university's earliest graduates Rev. Luckraft was "very proud to be a member of the University of B.C." He was a consistent supporter of the Alumni Fund over the years. He is survived by his wife.

**Bruce A. MacDonald,** BA'26, April 1978 in Perugia, Italy. MacDonald had served with the Canadian Trade Commission Service since 1929, during which time he lived in many of the world's capitals. He had retired to Perugia and is survived by his wife and a daughter.

**Roderick A. Pilkington,** BA'30, MA'32, LLB'48, November 1978 in Agassiz, B.C. He served with the Canadian army in WWII, and practiced law in Vancouver until his retirement in 1972. He was a member of the B.C. Mountaineering Club and active in the Royal Canadian Legion. Survived by his wife (Bessie Robertson Pilkington, BA'31), a son, a daughter, two grandchildren, a sister and a brother (Francis C. Pilkington, BA'28).

**Dorothy L. Phelps Scott,** BASc'33, November 1978 in Whitehorse, Yukon. She was a native of Whitehorse and returned there with a degree in public health nursing to work in Whitehorse General Hospital. She was interested in Yukon history and had an extensive collection of Yukon books and memorabilia. A member of the Graduate Nurses' Club, the University Women's Club, the local museum and Gamma Phi Beta sorority, she is survived by her husband, two sons, a brother and five grandchildren.

**John H. Steede,** BASc'26, November 1978 in Vancouver, B.C. He joined B.C. Electric after graduation rising through the ranks to become vice-president and chief engineer in 1958. Since 1967, Steede had been a member of B.C. Hydro's board of directors and Hydro chairman Robert Bonner remembered "it was unlikely that any one person contributed as much to the development of the industry in B.C. (as Steede)." He is survived by his wife, four children and nine grandchildren.

**Alfred T. Adams,** December 1978 in Vancouver. He was executive secretary of the University Resources Council from 1964 to his death. Born in South Africa, he worked in the gold mines, in the army as a soldier and officer, and was a prisoner-of-war. After the war he served as a party organizer for General Smuts and was elected as a member of parliament. After the election of the present Nationalist government in 1948 he moved to Rhodesia, where as general secretary of the Federal Party he worked with Sir Roy Welensky on the establishment of the multiracial parliament that was the basis of the Central African Federation. After its collapse he came to Canada and UBC. He was an active participant in the funding campaigns for several campus buildings including the new Aquatic Centre. A memorial bursary fund has been established in his name and contributions may be made through the UBC Alumni Fund. □

## Letters

### The Hanging Judge

May I comment on the article "Bench marks: the life and times of B.C.'s first judge, Matthew Baillie Begbie" (*Chronicle*, Winter 1978)?

As this review says, the attitude in England in 1858, towards law enforcement and also discipline in the home or school might be summed up: you have broken the rules, you will be punished. This wasn't regarded as harsh, only inevitable.

Except for Vancouver Island, the rest of what is now B.C. had recently been part of Oregon Territory, neither British nor American. The few white men there looked after themselves as best they could. They would have carried weapons for hunting or for their own protection as necessary. The early gold camps attracted all types of men including some of the most lawless from all over the world. When this was pointed out to Begbie on his arrival and he was told "There will be murders," he is reported to have said "Then there will be hangings."

This is the version my grandmother told me about how Begbie became known as the "Hanging Judge." She was born at Victoria in 1865, married in New Westminster in 1885 and lived in B.C. all her life. She never suggested the judge was harsh, but rather that he was to be praised for the firm and just way he carried out his duties.

I am looking forward to reading the book on which your review was based.

H.R. Trehearne  
Princeton, B.C.

### A credit note

In the Autumn 1978 edition of the *Chronicle*, in the article on Dr. Shrum mention is made of the role that the UBC extension department played in the early days of B.C. credit unions. Notwithstanding the important part that the extension department played in the formation of some of B.C.'s first credit unions, we wish to point out that B.C.'s first credit union was Powell River Credit Union and that the North Arm Fraser Credit Union — now called Gulf and Fraser Credit Union — received Charter #35 and was incorporated in December 1940, some eighteen months later.

Miriam McTiernan  
Archivist,  
B.C. Central Credit Union  
Vancouver, B.C.

### A little nostalgia

*Trum Est*, a history of the University of British Columbia by the late Harry T. Logan, was published 20 years ago. With all that has happened in the past two decades, I hope that a second volume may soon be forthcoming. Whether or not indulging nostalgia, the story of the problems and progress of a favorite institution can be of never-failing interest.

I suggest that the *Chronicle* could assist that

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## Lifestyles

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writing and, at the same time, add another department for the interest of its own readers. Why not encourage the preparation of reminiscences in the form of individual accounts by or from those who have participated in university events of the past, or have accurate knowledge. Anecdotes, in the original sense of "unpublished details of history," are commonplace at reunions and other social events, so why not encourage the tellers to become writers, or dictators. The mere printing of some stories should encourage others, and could prompt the writing of corrections, even rebuttals.

As unpublished details of history, anecdotes of substance... clues, hints, suggestions... help flesh out thin parts, add color to faded accounts, bring out the right phrase to a story in the making. They might even usefully contribute to the shaping of interpretation.

Why not give notice in the *Chronicle*, that anecdotes would be welcome? To encourage response the reminiscences might be invited by specific subjects, perhaps by student activities, by faculties, perhaps by individuals. (There are surely enough anecdotes on Dr. Sedgwick, for one, to make a nice chap-book!)

There will be need to emphasize that good stories should not be lost by anyone holding back for fear of that shibboleth that the telling of one's own story is mere boasting. Rely on the well-known fact that there is always someone ready to put the story right, or try to.

— H. Leslie Brown, BA'28  
Ottawa, Ontario

*Notice is duly served.... The Chronicle is always pleased to hear from its readers, whether with opinions, comments, complaints or contributions. An example is the following story submitted by Les Brown. Copies of all reminiscences received will be forwarded to the university archives. Old photographs and memorabilia are also welcome. — Editor.*

Razed in 1970, the "old gym" had a story which, while only an incident in the history of UBC, marked for the students the step beyond fund-raising to the financing of their own projects. They had already raised money to clear two temporary playing fields, had laid down two concrete tennis courts and, under the guidance of Freddy Wood, had saved the money to equip the stage of the auditorium to make it a theatre. The first gymnasium, however, was a major project. It was financed and built by the students in 1929, with no subsidy from anyone, at a cost of about \$35,000. This was a huge undertaking for the 1,200 to 1,500 UBC students. A dollar could buy two-and-a-half lunches in the cafeteria in those days.

As president of the Alma Mater Society in 1927-28, I took my turn in getting the project further along. A permanent structure was quite beyond our means but the idea of temporary buildings was already well established. (*Among these the Old Arts building, now used by mathematics—Ed.*) So we of the students council prepared a submission to the board of governors. I put it before them; they turned it down.

But with the bad news came encouragement from Dr. Evelyn Farris, a member of the board. Her son, Don Farris, BA'28, brought word that the submission could possibly be acceptable if re-phrased. I discussed the subject with Sherwood Lett, BA'16, LLD'45, who

then arranged a meeting to include several strong supporters of UBC. Don and I took part but the details were worked out by the legal experts led by Sherwood.

As part of the preparation for the original submission there had been discussions with Pembertons who had expressed interest in taking up the bonds, and with the provincial architect, Harry Whitaker, who was most helpful and had given an approximate figure as a basis for financial exploration. But, as Pembertons pointed out, the Alma Mater Society had to become a legal entity before undertaking the responsibility independently of the university. The legal minds found a ready solution: the University Act would have to be changed to permit the AMS to incorporate.

From Sherwood's office I telephoned UBC President Klinck who knew of the meeting but not of the proposal. On being reassured who was present and of their unanimous opinion, he agreed to the proposal. Sherwood telephoned Senator J.W. deB. Farris, who telephoned his friend, Ian MacKenzie, then a member of the British Columbia legislature, who undertook to sponsor the amendment.

That night Don Farris and I took the midnight sailing of one of the Canadian Pacific Princess ships — at AMS expense — and probably starry-eyed at our first venture into active politics. The next morning we called on Ian MacKenzie. He would introduce the amendment that evening. A hitch occurred. A genial member of the legislature chose that evening to expand at length on some favorite topic. So it was not until the next evening that the amendment was passed, without great discussion, and we returned to Vancouver and UBC with the great news.

The provincial architect prepared the necessary drawings in the summer of 1928, as a contribution by the government of British Columbia. A set of the main drawings were sent to me at Bell-Irving's North Pacific cannery on the Skeena slough. There I studied them with the attentive eye of the amateur who knew only what was wanted and nothing about construction details.

In his history of UBC Harry Logan gives a sufficiently correct account of the opening of the gymnasium to serve the purpose but, knowing his integrity, I am certain he would have worded it more precisely had he been aware of the full story. Harry obviously did not know that I was one of the "distinguished company" assembled on the stage of the auditorium that November afternoon in 1929. I was invited to tell how the gym came to be built and I gave the details, adding for good measure how there had been a delay during the summer of 1928 "while the Conservatives were getting accustomed to being in power."

Harry was misinformed or, with his sense of occasion, had inaccurately assumed how the formal opening of the gymnasium door went as part of an "impressive ceremony." When the party left the auditorium it encountered a rising wind and prospects of early rain. At the gymnasium door a few of us — including the lieutenant-governor — were held up for a couple of minutes, gowns fluttering in the wind and spattered by rain until the "golden" key finally entered into the spirit of the ceremony and we passed inside. Almost all the audience was already there, having sensibly used another door.

— H. Leslie Brown

# when you 'give him a break', you may be giving yourself a bonus.

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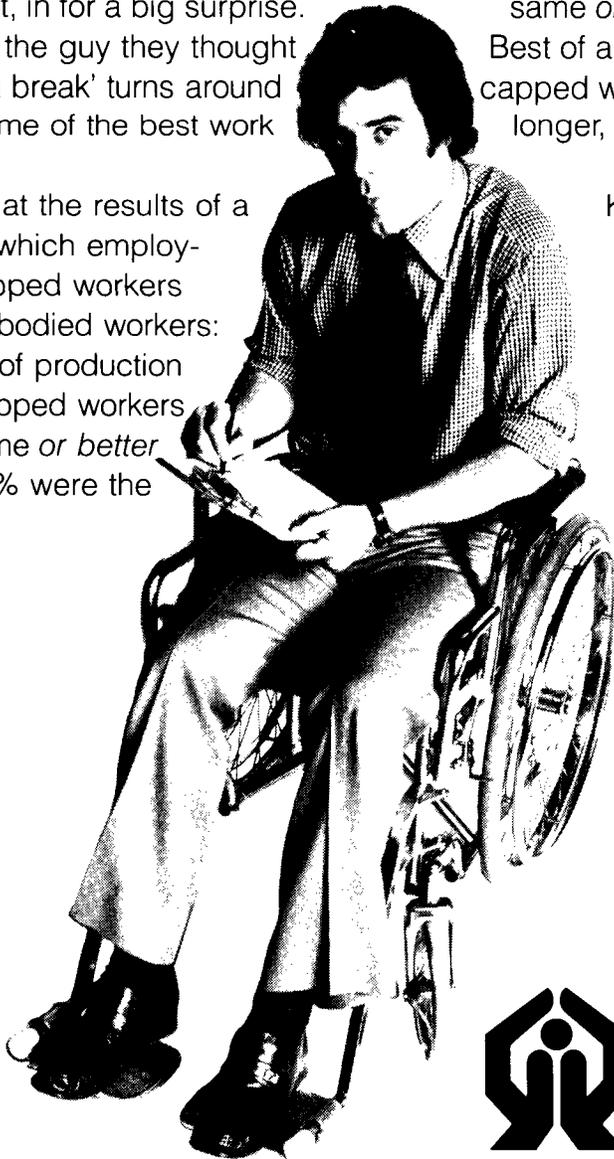
And as to quality of work, 90% were the same *or better*.

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'  
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# 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*.

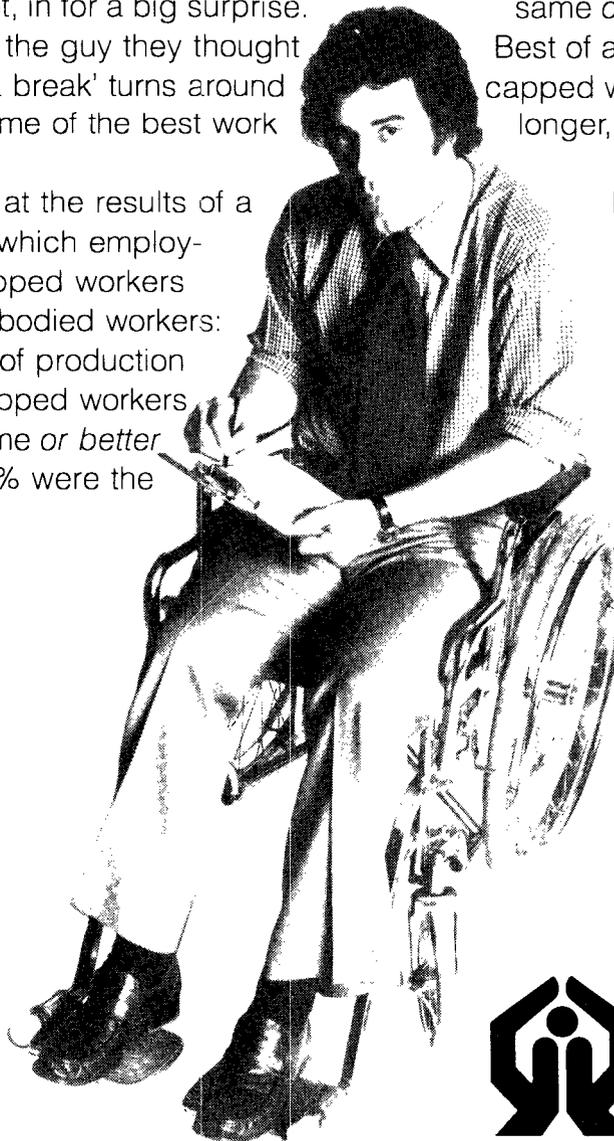
Attendance? 88% were the same *or better*.

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'.

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