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THE UNIVERSITY IN TRANSITION

THE ALUMNI UBC
CHRONICLE
SPRING 1985

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THE ALUMNI UBC
CHRONICLE

Volume 39, Number 1 Spring 1985

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SPINNER APPOINTED EXECUTIVE DIRECTOR

KYLE MITCHELL, President of the UBC Alumni Association is pleased to announce the appointment of Dan Spinner as Executive Director of the association effective March 1985.

Spinner, the former Campaign Director of the United Way of the Lower Mainland, replaces Peter Jones, who has assumed the position of Dean of Development at the British Columbia Institute of Technology.

As United Way campaign director, Spinner was responsible for the overall technical implementation and evaluation of the successful $9.8 million annual campaign which utilized approximately 3,500 volunteers. He came to the Lower Mainland United Way in 1983 from the United Way of Windsor in Ontario. He is the former President and Chief Executive Officer of a Toronto-based services firm, and has served as a consultant for municipal, provincial and federal governments, and for the management firm, Touche Ross.

Spinner received his BA in Sociology from the University of Toronto in 1970. From 1971 to 1973 he worked at the university, first as a research associate at the Ontario Institute for Studies in Education and later as a researcher in university-community relations. In 1982 he developed a course on Management in the Human Services at the University of Michigan.■

ALUMNI ANNUAL MEETING

Notice is hereby given that the Annual Meeting of the UBC Alumni Association will be held at 7:00 p.m. on Thursday, May 16, 1985 at Cecil Green Park, 6251 Cecil Green Park Road, Vancouver, B.C.

A reception will follow, honoring Harvard Business School Dean John H. McArthur, BComm'57, winner of the Alumni Award of Distinction.

Dean McArthur will be the guest speaker at a luncheon hosted by the Alumni Association on May 16 at the Westin Bayshore in Vancouver. For more information call 228-3313.■

EDITORIAL

THE UNIVERSITY IN TRANSITION

BY ANNE SHARP

ON MARCH 7, 1985, Dr. K. George Pedersen resigned as President of the University of British Columbia to accept the position of President of the University of Western Ontario. Pedersen said his resignation was "a strong personal statement of concern about what is happening to the universities of this province."

While the University searches for a successor to Pedersen, President *pro tem* Robert Smith has the difficult job of guiding UBC through a period of uncertainty, challenge and change.

Being a university president in this decade is not an easy job. B.C.'s economy is suffering and unemployment remains at its highest level since the 1930s. But, at the same time, our economy is unlikely to recover without scientific research and highly-skilled human resources.

Economic restraint has been taking its toll on higher education for several years now. Most of UBC's funding comes from the provincial government, but the province, in turn, receives the major portion of this money from the federal government. Before 1977, Ottawa specified the amount of funds to go to post-secondary education; but, since then, Ottawa has simply transferred a lump sum to the provinces to help cover both post-secondary education and health care.

The arrangement sounds straightforward enough, but there is a wrinkle: the provinces are not obliged to pass on the full amount of federal funds to the universities and colleges. B.C. is a case in point. In 1982/83, the federal government transferred $412 million to B.C. for post-secondary education. This amount was increased 8 per cent in 1983/84 and 6.9 per cent in 1984/85. Those increases were welcome enough for universities already hurting from rising costs. However, in both years, the federal grants went into B.C.'s general revenue and provincial funding for higher education was cut back. This does not bode well for economic recovery in this province.

Investment in higher education can help improve the overall economic performance in B.C. Just as prosperous industries have grown up around such leading academic institutions as Stanford University and the Massachusetts Institute of Technology, collaboration between academics and entrepreneurs will be a key factor in B.C. becoming a major force in the Pacific Rim in the years ahead.

For the past year, whether talking to alumni, community groups or legislators, Pedersen tried to get an important message across: higher education is not a luxury; it is an investment. Said Pedersen at the time of his resignation, "I think . . . the public of this province has to begin to pay much greater attention to what is happening to its universities. . . . The future of this province rests very greatly with our young people and those young people have to be well educated."

If Pedersen's resignation seemed dramatic, it may be because the condition of funding of universities in B.C. today *is* dramatic. Alumni know that a university education is a precious thing. It's not too late for graduates to protect the quality of their university and their degrees, but it soon will be if they don't voice their concern now.■

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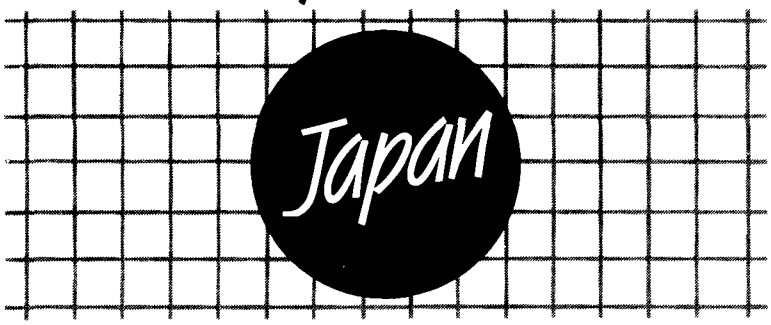

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FREDERICK HUBERT SOWARD, 1899-1985

By Dr. James A. Gibson, BA'31
President Emeritus
Brock University

The death of Frederick Hubert Soward, LLD'64, on January 1, 1985, ended a connection with the University of British Columbia which began in 1922 when he came to the history department. In the course of his teaching and administrative service he was chairman of the department, associate dean and dean of graduate studies, and, briefly, secretary of the Board of Governors.

He grew up at Minden, in the Haliburton area of Ontario (which he once described as "prime Sam Hughes' territory.") It is said that he disguised his (youthful) age to join the 48th Highlanders in Toronto. He served overseas, and in the occupation forces in Germany. Before being demobilized he had attended Canadian Army courses in Edinburgh and at the Khaki University at Ripon (Yorkshire).

After taking his degree at Toronto, he entered at New College, Oxford, where he took the degree then described as Bachelor of Letters (later M.Litt.). In later years, he received honorary degrees from Carleton University and from UBC. In 1970 he was made an honorary life member of the UBC Alumni Association.

During World War II, Professor Soward worked as a special assistant in the Department of External Affairs. This was a period in which a "good generalist" — such as he and other academic associates were — could turn to a variety of tasks previously outside the department's concerns. In his case, to take one example, he presided over a number of multinational meetings on international telecommunications policy. At a later date he did work for the department on policy and working guidelines for the preservation of departmental records.

He was a founding member of the Vancouver branch of the Canadian Institute of International Affairs, and served a term as president of the Canadian Historical Association. He had been for many years Fellow of the Royal Society of Canada; well into retirement he continued an enviable career as a reviewer of books, and notably of detective stories.

During 1937/38, in my first full year as a university lecturer at UBC, I shared his office in Room K of the Old Arts Building. He had of course been one of my undergraduate teachers; it was partly at his instance that I became a member of New College, Oxford, while residing as Rhodes Scholar from British Columbia. No one could have been kinder in many personal ways, nor more encouraging in professional requirements; and what began as a happy working relationship became a valued friendship for over 45 years thereafter.

I remember especially his incisive scholarship as perhaps the most perceptive of all my teachers. One day in the honors seminar in historical method, which 55 years ago used to meet in a seminar room in the library, I left out, verbally, some profanity appearing in one of the sources.

"It ought to be kept in," he said, and that was that.

In 1933, proposing to read for B.Litt (Modern History) I was required to call on the Regius Professor (Sir Maurice Powicke).

"Were you a pupil of Soward?" he asked.

"Yes", I replied.

"You are better trained than most of our undergraduates," he said. "I needn't trouble you further."

That, among many other remembrances, I have always valued as "a mark of the man".

Editor's note: The UBC history department proposes to establish an award in Dean Soward's name for an outstanding graduate student in history. Donations may be made payable to the UBC Alumni Fund in memory of Dean Soward, and mailed to 6251 Cecil Green Park Road, Vancouver, B.C., V6T 1W5. ■

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UBC Alumni Association Board of Management 1985-86

The following Alumni Association Board of Management positions have been declared filled by acclamation after the close of nominations on February 14, 1985: vice-president (automatically becomes president in the following year), treasurer, and six members-at-large for 1985-87.
Mark Hilton, BCom'83
Returning Officer

OFFICERS 1985-86

PRESIDENT

Elbert S. Reid, BASc'51. *Alumni activities:* vice-president, Alumni Association, 1984-85; president, Alumni Forestry Division; chair, Branches Committee; chair, Alumni Activities Committee; member-at-large, Board of Management; member, Alumni Activities Advisory Committee. *Community:* Member of professional forestry and engineering associations, the men's Canadian Club, Shaughnessy Golf and Country Club. *Occupation:* Forest Resource Consultant and Chairman of the Board of Reid, Collins and Associates, Ltd.

PAST-PRESIDENT

Kyle R. Mitchell, BCom'65, LLB'66. *Alumni Activities:* president, Alumni Association, 1984-85, vice-president, 1983-84; member, Advocacy Committee. *Occupation:* Senior Partner, Dunhill Personnel Consultants.

VICE-PRESIDENT

William Brian McNulty, BPE'68, MPE'70, MA'83. *Alumni activities: chair, Alumni Activities Advisory Committee, 1983-84; member Wesbrook Society, 1982-85; member Thunderbird Society, 1982-85; Alumni Divisions Council, 1984; Alumni Executive Committee, 1984-85. Campus:* Thunderbird volleyball, 1964-66; Thunderbird cross country and track and field, 1966-70; junior varisty award, volleyball, 1966; cross country, 1967; intramural referee in chief, 1965-67; UBC intramural director 1967-68; assistant editor PEUS Yearbook, 1966-67; editor PEUS Yearbook, 1967-68; fund raising participant for UBC Aquatic Centre. *Community:* president, B.C. School Counsellors Association, 1981-84; president, Canadian Track and Field Association, 1983-86; president, B.C. Athletics, 1976-79; director, Sport BC, 1975-81. *Occupation:* Educator at Magee Secondary School, Vancouver.

TREASURER

Kevin Richard Rush, BSc'80, MBA'81. *Alumni activities:* treasurer 1984-85; Board of Management, 1982-85; Fund Committee, 1982-84; Divisions Council, 1981-84; President MBA/MSc Division, 1983-84; MBA Class Secretary, 1981-84. *Campus activities:* 1980-81: president, Graduate Students Council; chair, Graduate Representative Assembly; representative, AMS Council; MBA employment coordinator; Tower Advisor, Gage Towers; 1979-80: Senior Residence Advisor, Place Vanier Residence; first year representative on MBA CGS executive; stream representative member, President's Permanent Single Student's Residence Committee. *Occupation:* Senior Account Manager, Mercantile Bank of Canada.

MEMBERS-AT-LARGE 1984-86

Lynne Carmichael, BEd'72, MA'83

Mark W. Hilton, BCom'83

Ann McAfee, BA'62, MA'67, PhD'75

George K. Mapson, BPE'73, MEd (Higher Education)'79

Oscar Sziklai, MF'61, PhD'64, BSF (Sopron)

G. Brent Tynan, BCom'82, LLB'83

MEMBERS-AT-LARGE 1985-87

Robert Affleck, BASc'55. *Alumni Activities:* Speaker's Program co-ordinator, Powell River, late 1950s, early 1960s; alumni contact, Prince George, 1968-82. *Community Activities:* Member, Board of School Trustees, S.D. 57 Prince George 1970-74; Member New Caledonia College Council 1974-76, Chairman 1975. *Occupation:* Vice-President, Environment, Canadian Forest Products.

Linda Angus, BA'73. *Alumni Activities:* president and state chairman, Alpha Gamma Delta Women's Fraternity. *Campus Activities:* president, Panhellenic Association. *Community Activities:* director of fundraising, Vancouver Centre Federal Progressive Conservative riding association; director, national executive, Progressive Conservative Party of Canada; advisor, Duke of Edinburgh Award; former president Federal PC Women's Caucus of Canada; member Women's Network; member Canadian Club of Vancouver. *Occupation:* teacher.

Jim Cooney, MLS'76, BA (Georgetown), MA (Toronto). *Alumni Activities:* chair, Advocacy Committee/Policies and Issues 1983-85, member of Executive Committee 1983-85. *Community Activities:* Business Council of B.C., Mining Association of B.C. *Occupation:* Manager, Government Affairs, Placer Development Ltd.

Sandy James, MA'83, BA (Carleton). *Alumni Activities:* Member Founding Committee, UBC Planning School Alumni. *Campus Activities:* 1981-83, national student representative, Canadian Institute of Planners; executive member, Canadian Association of Planning Students. *Community Activities:* heritage conservationist, member Southlands Riding and Driving Club. *Occupation:* Urban planner/heritage planning consultant.

Bill Richardson, BASc'83. *Alumni Activities:* past chairman (pro tem) and founding member Engineering Division. Engineering rep on Divisions Council 1984-85, chair Cheeze Factory Heritage Committee. *Campus Activities:* president Electrical Engineering Club, EUS historian, Student Court judge, columnist and founding member of *FRED*, vice-president, fencing club and member of varsity fencing team. *Occupation:* Computer Systems Engineer with Sydney Development Corp. Data Communications Group.

Alfred Scow, LLB'61. *Alumni Activities:* Board of Management 1983-85. *Campus Activities:* editor, special law edition of the *Ubyssey*; soccer. *Occupation:* Judge, Provincial Court of British Columbia.

OTHER REPRESENTATIVES TO THE BOARD OF MANAGEMENT

Under the present constitution, representatives may be elected or appointed in the following categories: The honorary president (the president of the university); one of the convocation members of the university senate; one representative of the faculty association; one representative 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. ■

Illustration: Marion Dahl

ALUMNI ACTIVITIES

Divisions: This is phonathon time: **Rehab Medicine** held its phonathon February 18, **Social Work** phonathon was March 4 and the **Commerce** phonathon March 18-20.

Engineering Division holds its meeting the first Thursday of each month in the Cecil Green Park Social Suite at 7 p.m. **Forestry** and **Kappa Sigma** divisions are busy getting organized and will announce their plans soon.

Phys. Ed. and Recreation Division is holding its second annual golf tournament and reunion on July 3, 1985. The tournament takes place at the University Golf Course in the afternoon, and a reception for all division members will be held at 5 p.m. at Cecil Green Park. For advanced tee off times or other information call Liz Owen.

Pharmacy graduates can meet the new Dean of Pharmacy, Dr. John McNeil, at a wine and cheese reception May 11, 1985 at Cecil Green Park. The division is busy compiling a history of pharmaceutical science at UBC.

Librarianship alumni are welcome at the Division's reception for 1985 graduates, "Old Wine for New Grads", May 29, 1985 at 5 p.m. For $20 you can attend and sponsor the attendance of one new grad. If you can't attend, why not sponsor a grad for $10? Cost is $5 if you're unemployed. Send your cheque to Margaret Burke, School of Librarianship, 831-1956 Main Mall, UBC, Vancouver, B.C., V6T 1Y3. Please make your cheque payable to the UBC Alumni Librarianship Division.

The Audiology and Speech Sciences Division recently sent out its first newsletter and would like to hear from graduates who didn't receive it due to lost addresses, and indeed, from all Audiology and Speech Sciences grads. The School is well into its $1 million fundraising campaign to endow a chair and graduate scholarships, and is actively soliciting support from alumni and the community. Division representatives are Verna Pyplacz, MSc'73, and Margaret Roberts, MSc'72.

The date of the **Nursing** Alumni Day has not been scheduled yet, but it will probably be held sometime in May. Watch for further details or call Liz Owen, 228-3313.

Reunions: This is the time to be thinking about the year you graduated. Is this your 50th, 40th, 30th or whatever anniversary since graduation? Time to get together to plan your celebrations. Make sure the Alumni Association has your correct address so you receive your invitation.

Class of 35 reunion is set for October 25-26. We need volunteers to help organize this once-in-a-lifetime occasion. Give us a call with your ideas of what makes an ideal reunion.

Twenty-five years have passed already for the **Class of 1960.** Why not plan a reunion with your classmates and come back to the campus at Homecoming and take part in some of the planned events. We need your help to organize your class.

Here's a list of planned reunions, and the people you should call for details:

Law '50: Dinner, Cecil Green Park, June 1, Norman Severide, 604-534-6221;

Nursing '65: TBA, Judy Killam, 604-263-6012;

Nursing '75: May 24, Melody Herbert, 604-536-5894;

Rowing Team/Club Members: Dinner, Faculty Club, Sept. 28, Carl Ogawa, 604-888-0311;

Mech. Engineering '65: TBA, Gordon Tovell, 327-8121;

Rehab. Medicine: Wine and Cheese Reception, Faculty Club, June 15-16, Megan Fullerton, 604-888-0980;

Forestry and Forestry Engineering: Weekend at Harrison Hotel, Harrison Hot Springs, April 26-28, Robin Caesar, 604-987-0997;

Nursing '80: Dinner at Cecil Green Park, either catered or potluck, May 25, Janice Swan, 604-324-5303 (call Janice with your suggestions re the dinner)

Class of 1930: Dinner at Cecil Green Park, June 15, William Robbins, 604-224-0140;

Continued on page 22

The Spirit of Service

THE SPIRIT OF SERVICE

A CONFERENCE

sponsored by SEVA

May 24-26, 1985

U.B.C. - Vancouver

SEVA is convening a conference to explore the theme of "service". It seems that the perennial voice of human compassion has been weakened in this hard era. We are hosting this gathering to strengthen this voice, and to reaffirm the power of the individual's act of giving.

The conference participants will include people whose life and work have given them cause to reflect on the many issues involved in giving selfless service to others. The format of the meetings will encourage dialogue among the invited guests and participants. At present the following people have committed themselves to participate:

Father Daniel Berrigan
Stewart Brand *(Editor-Whole Earth Catalogue)*
Naomi Bronstein
(Director, Heal the Children - Canada)
Major Roy Calvert *(Head Salvation Army B.C.)*
Stephen & Ina May Gaskin *(Plenty-Canada)*
Wavy Gravy
Pir Vilayat Khan
(Head of Sufi Order in the West)
Andy & Kate Lipkis *(The Tree People-USA)*
Joanna Macy *(Lecturer, author)*
John Maher *(Delancy Street Foundation-USA)*
Herbert O'Driscoll *(author, Anglican Priest)*
Ram Dass
(Board of Directors — SEVA, USA)
(tentative)
Joe Short *(Past Exec. Direc. Oxfam-America)*
Maurice Strong *(Executive Coordinator African Emergency Operations, U.N., N.Y.)*
John & Nancy Todd *(New Alchemy Institute)*
Raymond ven der Buhs
(Unitarian Service Committee - Ottawa)

Further, organizations and individuals representing a broad base and interest in service will be participating in this event.

THE PAUL WINTER CONSORT will sound the musical keynote harmonizing the conference with a performance of the **MISSA GAIA (Earth Mass), MAY 24** at **8:30 p.m.** at St. Andrew's Wesley Church.

Pre-Conference registration *(before March 23)*, including Missa Gaia, **$95,** after **$115.**

For further information contact:

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UBC researchers issue a warning: Canada's forests are in crisis.

Timber-r-r

Photo: Eric Eggertson

FORESTRY DEAN ROBERT KENNEDY: CONCERNED ABOUT CANADA'S FORESTS.

BY TERRY LAVENDER

"FUTURE SHOCK Finally Comes to Forestry" is the title of a talk UBC Forestry Dean Robert Kennedy, MF'55, delivers occasionally to community groups in the Lower Mainland.

Dr. Kennedy tells the assembled businessmen, senior citizens or young mothers that after many years of believing that our forests were inexhaustible, Canadians are finally coming to realize that we are rapidly depleting one of our major natural resources — our supply of trees.

And, he explains, it is time we began the long, expensive process of growing the next generation of trees, if Canada is to retain its dominant position in the world forest products markets.

UBC Alumni Association Board member, Dr. Oscar Sziklai, MF'61, PhD'64, of the Department of Forest Sciences, tells a personal story to emphasize forestry's importance: "My father, who was a forester in Hungary, was 47 years old when the situation started to deteriorate in World War II. Like other men his age, he was called into the army. Three days later he was back. They had told him to go back and tend the forests, that that was just as important as fighting in the front lines.

"The significance of the forest is in the minds of the people," Sziklai continues. "Canadians don't realize the significance of the forest. Only now are they beginning to realize it, because of all the problems."

Kennedy and Sziklai are concerned about the state of Canada's forests, and they, and others at UBC such as former royal commissioner Peter Pearse, BSF'56, and botanist Iain Taylor, are searching for solutions to the problems facing the forest sector.

Forestry is Canada's largest industry, directly employing almost 300,000 people and indirectly responsible for the jobs of another 500,000. One in ten Canadian workers depends on the $23 billion forest industry for a living.

British Columbia in particular is dependent on its trees. Twenty percent of British Columbians are directly or indirectly employed by the forest industry.

TROUBLED INDUSTRY

But Canada's most important industry is a troubled one. Many forest companies operate at a loss and thousands of forestry workers are unemployed. The trees are disappearing, too. British Columbia is not restocking its prime forest land, many observers feel. Those trees that do remain, says Pearse, a UBC forestry professor, will be of lesser quality and in increasingly inaccessible locations, therefore more expensive to harvest.

Within 20 years the old growth forest will be largely exhausted, states a 1980 provincial government report, leading to a decline of one-third in the annual timber harvest and a loss of 60,000 jobs in British Columbia, unless steps are taken to plant more seedlings.

The forest industry also faces threats from beyond Canada's borders. Brazil, the United States and the Scandinavian countries are increasing their market share at Canada's expense. In the past 20 years Canada's share of the world forest products market has dropped from over 30 percent to under 20 percent. Brazil and other tropical countries can produce pulp logs in five to 10 years, compared to 25 to 50 years in Canada. The Scandinavian countries have been practising intensive forest management for 80 years, and now produce three to four times as much wood as Canada per productive unit of forest, according to Elbert Reid, BASc'51, a Vancouver forest consultant (and President-elect of the UBC Alumni Association).

Reid warns that "very dramatic changes will have to be made to the direction of forest utilization, management and preservation if we are to sustain our present forestry position or grow to meet some of the potential world demands for wood, recreation and conservation."

These changes, according to people like Reid and Kennedy, include stopping the loss of prime forest land to development, restocking logged-out lands and improving the quality and management of forest resources.

Kennedy feels we must practise intensive forestry — controlling vegetation, spacing new seedlings properly, pruning, thinning and fertilizing them. If this is done just on B.C.'s good and medium forest sites — 25 percent of the forest land — a substantial gain in forest production will result.

"Practising intensive forestry, you can double the yield of the forest in 45 to 50 years," says Dean Kennedy.

Peter Pearse heads the Forest Economics and Policy Analysis Project at UBC, a $1 million enterprise funded by the federal government. Pearse is well-known for the royal commissions he headed on fisheries, forests, and now water resources. His UBC group is developing computer-based models to analyse different aspects of the forest sector, including timber supply and the markets for plywood and lumber, and pulp and paper.

While the Pearse group concentrates on the economics of forestry, UBC professor Les Reed, formerly the highest-ranking federal civil servant responsible for forestry, is directing research in a number of policy areas, including trade, Pacific Rim marketing strat-

egy, labor, management and capital productivity, and biotechnology research.

Reed is the first occupant of a newly-endowed industrial research chair in forest policy. His position is jointly funded by the Natural Sciences and Engineering Research Council and by several forest products companies and unions.

Reed's appointment was announced last October, and already he has joined with Oscar Sziklai in organizing a workshop on biotechnology in forest science, held at UBC.

Sziklai says the workshop brought together experts from Canada, the United States and Scandinavia, including microbiologists, biochemists, plant scientists and forest scientists. It was a chance, he says, for scientists to compare information, and, with many graduate students in attendance, a chance to try to interest young researchers in applying biotechnology to forestry.

Using biotechnology, desirable traits can be "packaged into a new hybrid", Sziklai says. Such a hybrid could then be used to restock the logged-out forests, improving the resource stock.

Botany professor Iain Taylor is working on somewhat similar lines from outside the forestry faculty. He is trying to clone new trees from the leaves of selected lodgepole pines. Successful clones from a tree with desirable characteristics could be used to replenish the forests, Taylor feels. However, he says there are still many hurdles to overcome.

A project with more immediate potential is a new forest nursery planned for UBC's south campus. One million spruce, Douglas fir and lodgepole pine seedlings will be grown in the nursery, expected to be ready later this spring.

The facility "will expose students to the seedling production phase, which is so critical in forest renewal," Sziklai says. "This is a pioneering facility, where we'll be doing research on increasing seedling growth."

Kennedy calls the nursery "an instructional tool *and* a production plant. You can't do research without a basic laboratory and this is our laboratory. It opens a real vista to us and certainly helps with this desperate problem of forest renewal."

B.C.'s Ministry of Forests will buy the seedlings from the university at the commercial rate, but Kennedy notes that though the UBC nursery will produce one million seedlings, "B.C. needs to grow seedlings in the hundreds of millions" to replenish the logged-out lands.

Jack Walters, head of UBC's 5160 hectare research forest at Maple Ridge, is trying to mechanize seedling planting. His "planting gun" forces the seedling into the ground, allowing for rapid, accurate planting.

Dean Kennedy's own speciality is wood science, which studies the physical properties of wood as a material. In this field improved technology is increasing the output (finished or semi-finished wood products) from a given amount of input (logs), resulting in less waste.

"You get more out of the log base you have," Kennedy says. "That is just as much conservation as fire control or disease control. In fact, you could call it 'instant forestry' because you get your results (improved productivity) right away instead of having to wait for 40 or 50 years."

Kennedy believes we do not know enough about the properties of wood and therefore tend to overdesign in building, to be on the safe side.

Interesting research is also being carried out at the Forintek laboratory on campus. This branch of Canada's National Wood Products Research Organization is independent of UBC, but there has been close collaboration since it was established in 1918. A wide range of research is carried out, including timber engineering, plywood, wood anatomy, wood preservation and sawmilling.

The Faculty of Forestry can use Forintek for graduate research and even undergraduate laboratory exercises. Several professors, including Kennedy, used to work at Forintek.

The Pulp and Paper Research Institute is also located at UBC. Funding of this research institute is borne largely by Canada's pulp and paper industry. As with Forintek, it supports graduate studies and university research.

TOMORROW'S FORESTERS

Forestry students can specialize in one of four areas — forest sciences, forest resource management, forest harvesting or wood science and industry.

Students regularly work in the summer with the forest industry or the federal or provincial forest services. They learn how to apply their classroom knowledge in the real world, and the forest companies gain exposure to new academic approaches. The university benefits because of the strengthened ties to the forest industry.

One academic program that has Dean Kennedy excited is the wood science business management concentration, which requires students to take four specified Commerce courses and at least 4.5 units of other Commerce courses. Students gain a knowledge of wood, wood processing and business procedures.

"We're getting more sophisticated wood products and it takes sophisticated people to sell these kinds of products. They need a knowledge of technical qualities of wood and business procedures," Kennedy says.

Though the employment prospects for forestry graduates are not good at the moment, Kennedy sees better days ahead. The forest industry is now acknowledging the need to hire foresters with advanced degrees.

"Before, there wasn't a perceived need for these kinds of people. Now they (industry and government) are hiring graduate students because they know they are the kind of people who can adapt to future shock in forestry," the dean believes.

Oscar Sziklai believes that UBC will always be in the forefront of activity, as it has been in the past. He cites the abundance of forest-related activity on campus — the forestry faculty itself, Peter Pearse's group, a pulp and paper research centre in the Faculty of Applied Science, the Forintek research lab, biotechnology and genetics. With all this on campus, Sziklai can see UBC developing into "a western forest science centre."■

Photo: Eric Eggertson

OSCAR SZIKLAI: "CANADIANS DON'T REALIZE THE SIGNIFICANCE OF THE FOREST."

One victim of "the silent epidemic" finds help and understanding. A Day in the Life of the UBC Alzheimer's Clinic.

Alzheimer's

SEARCHING FOR ANSWERS — THE UBC ALZHEIMER'S CLINICAL TEAM: (LEFT TO RIGHT) DR. DESSA SADOVNICK, MEDICAL GENETICIST; MABEL WONG, SOCIAL WORKER; DR. ANNETTE HORTON, PSYCHIATRIST; DR. JON STOESSL, NEUROLOGIST; DR. HOLLY TUOKKO, PSYCHOLOGIST; MEDICAL DIRECTOR DR. LYNN BEATTIE, GERIATRICIAN.

BY ROBIN LAURENCE

8:15 A.M.

BOB AND ADELE Carson* walk arm-in-arm into the UBC Health Sciences Centre Hospital, their brisk, synchronized stride connoting forty years of a close, empathetic marriage.

Bob Carson tells the receptionist that his wife is here to attend the Alzheimer's Clinic, a revelation that might puzzle the casual observer. Adele, age 68, looks well; bright-eyed, carefully dressed, she exudes an air of gracious intelligence. Yet, as she is asked routine admission questions, simple answers elude her. She speaks slowly, hesitating, sighing, and looking often to her husband for assistance and reassurance.

Through the course of the day, it will be revealed that this once articulate, trilingual woman, who graduated from normal school at the top of her class, who worked as a teacher before her marriage, and who, for 20 years, delivered lectures in French, cannot now find the words to express herself.

Clinic staff will hear that she can no longer read the books she brought with her as a war bride from Belgium, cannot remember where the cutlery or Kleenex is kept in her home of 23 years, cannot remember the date or how to balance her chequebook or even, during periods of great agitation, who her husband is.

The Carsons are well enough read to know that these may be signs of Alzheimer's disease, and have been warned by their family doctor that this is a probable diagnosis. They have come to the Alzheimer's Clinic at UBC for a second opinion, and with the hope that assessment here will reveal some other — reversible — disorder.

The Clinic for Alzheimer's Disease and Related Disorders, funded by a B.C. Ministry of Health grant, opened at UBC Health Sciences Centre Hospital in November 1983. It provides assessment and initial counselling for people referred with memory impairment. The clinic also works with UBC's Alzheimer's research project, which provides a new generation of "brain imagers" housed at the hospital.

**Not their real names*

8:30 A.M.

The Carson's first stop after registering is the hospital laboratory, where red and green topped tubes are filled with Adele's blood. Analysis may disclose a condition, like thyroid malfunction or pernicious anaemia, which mimics *dementia* (organic loss of intellectual function); may indicate the existence of a form of dementia other than Alzheimer's disease; or may identify a treatable disorder which is aggravating an underlying dementing illness.

9 A.M.

After a quick breakfast (Adele had fasted for the eight hours before her blood tests), the Carsons are escorted upstairs, to be met by Dr. Lynn Beattie, geriatric internist and medical director of the Alzheimer's Clinic. Beattie, who often heads up the day's interviews and assessments, examines Adele and takes a thorough medical history.

"One of the problems with dementia, particularly Alzheimer's disease at the present time, is that it is a diagnosis of exclusion," says Beattie. "It's important to review the total health picture, to find out whether there are any other elements which could be contributing to the (patient's) impairment in function."

Memory loss and confusion may be responses to stress, grief, or anxiety, or may be temporarily provoked by infection, a general anaesthetic, or an adverse drug reaction.

10 A.M.

A social history, which Beattie touches upon in her interview, is elaborated by the clinic social worker, Mabel Wong, BA'80, who spends an hour with the Carsons, reviewing the needs of both the patient and her husband.

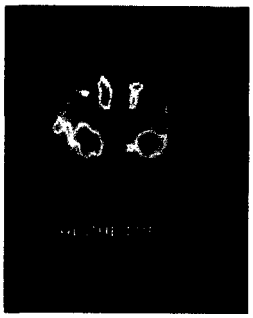
"I concentrate on how the patient's memory and health problems are affecting (the family) in daily functioning, both at home and in the community," says Wong.

The Carsons, who shop, cook, clean and socialize together, are exceptional in their self-sufficiency and equanimity. Many families seen in the clinic have reached a point of desperation before requesting an assessment, often because they're unaware of social services available to them.

Photo: Eric Eggertson

A

Although Wong may actively counsel in cases where there is marital or family strife, her role, as Beattie describes it, is more often one of "networking", initiating contact between families and Long Term Care or other social agencies to provide homemaker service, day care, or respite care. Follow-up by Wong may be necessary to ensure that changing needs are met before the "caregiver", whether spouse, sibling, or adult child, becomes exhausted attempting to look after a patient whose condition is inexorably deteriorating.



Photos: PET, Triumf-UBC Group

IMAGES PRODUCED BY UBC'S PET SCANNER SHOW DIFFERENCES BETWEEN THE BRAIN OF AN ALZHEIMER'S DISEASE VICTIM (TOP) AND THAT OF A NORMAL PATIENT (BOTTOM). RED AND GREEN AREAS DENOTE BRAIN ACTIVITY, BLUE DENOTES VENTRICLES AND WHITE MATTER.

11 A.M.

Clinic psychiatrist, Dr. Annette Horton, picks up the Carsons after their social work assessment. Horton's main function here, in addition to contributing to a diagnosis of dementia if that is the case, is to identify patients suffering psychiatric illness.

"Forty-two percent of the people who come into the clinic — whether they're demented or not — have some psychiatric diagnosis," says Horton.

Her questioning may also reveal alcohol or drug abuse: "We're finding that one in ten patients has quite a serious drinking problem, which can cause memory problems, and confusion."

However, she says, "the principal thing I'm looking for is depression." Depression, which can cause memory loss, poor concentration, and slowed thought processes, may either mimic dementia or exacerbate it.

"Depression is very common in the elderly anyway, but it also appears to be common in the beginning stages of dementia, when the person has insight that something is happening."

Both Horton and Beattie stress that the significance of a diagnosis of depression is that it can be successfully treated, improving mood and concentration and alleviating apathy, agitation and sleep disturbance.

12:15 P.M.

The Carsons take lunch in the hospital cafeteria which, though noisy and crowded with students and staff, provides a necessary respite after three highly charged hours of assessment.

1P.M.

In the early afternoon, they return to the clinic for their appointment with neuropsychologist, Dr. Holly Tuokko. Tuokko directs Adele through a battery of tests, the results of which will delineate the extent of her mental impairment.

Through measuring attention, concentration, remote, recent and immediate memory, ability to acquire and retain new information, receptive and expressive language skills, visual-spatial functioning and motor skills, the clinic psychologist fulfills what Tuokko describes as a "threefold" role.

"First, to contribute to the diagnostic process, (to identify) whether the person is demented or not. Second, to provide a baseline of quantifiable information about the patient's functioning that can be compared over time to the course of deterioration of the disease. And third, to investigate the correlation between physiological measures of impairment, such as the PET scan or the MRI, and behavioral and cognitive measures of impairment."

In immediate terms, Tuokko translates test results into recommendations concerning "what kinds of approaches family members or primary caregivers should take with the person, what kinds of things the person can deal with and cannot deal with. We provide the family members with a clear understanding of how the patient is functioning."

2:30 P.M.

After the psychological examination, Adele and Bob Carson are interviewed by the newest member of the Alzheimer's Clinic team, Dr. Dessa Sadovnick, PhD'80. Sadovnick has been "loaned" to the clinic by UBC's Department of Medical Genetics, to gather genetic histories of patients. The information she compiles aids both the diagnostic and research processes, since studies suggest a genetic component in the occurrence of Alzheimer's disease. Sadovnick seeks out evidence in the patient's immediate and extended family, not only of dementia, but also of psychiatric illness, alcoholism, and neurological disorders.

3 P.M.

A thin ray of afternoon sun slants through the sitting room window as the Carsons pick up their coats and prepare to leave the clinic. The interviews are over, but Adele has yet to undergo an ECG (electrocardiogram), chest x-ray, and CT (computerized tomography) scan, diagnostic aids in further excluding other causes for Adele's memory loss.

A chest x-ray may reveal cardiac or pulmonary disease and the ECG, as Beattie explains, is useful in screening patients "who have a history of cardiac problems, because they may be more likely to be hypertensive and may be more likely to have vascular dementia."

The presence of vascular dementia may also be indicated by the CT scan, as may tumors or head injuries. Using x-rays and a computer, the CT scan produces a series of cross-sectional images of the brain. Although these images may exhibit changes typical of Alzheimer's disease (shrunken outer layer of the brain with enlarged ventricles or interior cavities), they are not, in themselves, an absolute indicator of the disease.

FOLLOW-UP

Following the initial assessment, the clinic team meets to compare diagnostic impressions and make recommendations for follow-up. In Adele Carson's case, the team advocates examination by neurologist Dr. Jon Stoessl, a Medical Clinical Fellow, who is attached to both the Alzheimer's Clinic and the Alzheimer's research project at UBC. Stoessl, in consultation with Neurology Division head, Dr. Donald Calne, assesses patient suitability for the complicated new "imaging" procedures, PET (Positron Emission Tomography)

and MRI (Magnetic Resonance Imaging), and also screens out other neurological diseases the symptoms of which may overlap with Alzheimer's.

Stoessl explains the research project to the Carsons, who have already prepared themselves for participating in it. Of this commitment, Bob says simply, "Both of us thought that we would do as much as we could."

Within six weeks of assessment, the Carsons are called back to the clinic for a "family conference" with Beattie. As medical director of the Alzheimer's Clinic, it is Beattie's job to evaluate the results of the many diagnostic procedures which have been used in the assessment and to coordinate reports from the multiple disciplines, sending a summary to the patient's family doctor and, at the conference, interpreting the clinical material for concerned family members.

The Carsons are told that Alzheimer's disease is the likeliest diagnosis and are advised about its nature and probable course, with recommendations for current and future care. Mention is made of memory aids which, together with a stable and structured environment and physical and intellectual exercise, may retard the rate of deterioration in Adele's functioning.

With this knowledge, the Carsons resume their orderly and devoted existence, rising and working together through the day's routines. They plan to continue reading together (Bob, aloud to Adele), attending concerts, plays and lectures, and may drive down the California coast in June. Bob describes his feelings after the assessment as "resigned" but not despairing.

"We'll just have to make the best of it. . . . What we hope to do is to be able to stay together as long as possible."

Adele listens attentively to her husband, joining with him in reminiscences of their wartime courtship and in descriptions of their two-year-old grandson. She nods as Bob mentions her 30 years' volunteer work for the Multiple Sclerosis Society and recalls her fundraising efforts — sewing "monkeys by the dozen" and assembling boxloads of "candy wreaths at Christmas time."

Their eyes meet in amused recollection of a happier chaos. ■

ALZHEIMER'S RESEARCH UPDATE

By Karen Loder

AN EXPLOSION of research on dementia — particularly Alzheimer's disease — has taken place since the mid-1970s. In the U.S., funding has increased tenfold, from under $4 million in 1976, to $37.1 million this year. Even with this increase, one thousand times more money is spent on treatment and nursing home care than on research.

In Canada, the disease costs more than $1.5 billion annually in care. Yet, over the past three years, the Medical Research Council has supported only four major projects on Alzheimer's disease, with total expenditures of approximately $400,000. The major funding for Canadian research comes from an American agency, the National Institute of Aging, and amounts to nearly $1 million (U.S.) for a three-year project called "A Clinicopathological Study of Alzheimer's Disease" at the University of Western Ontario.

Although little is known about the cause or treatment of the disease, recent findings have given clues to the areas of the brain where attention should be focussed. And the development of new techniques, such as brain imaging, immunohistochemical staining and molecular genetic techniques, offers other routes of attack.

Theories regarding the cause fall into five categories: neurochemical, toxic, genetic, viral and immunological factors. Investigations into these areas overlap in many cases.

Acetylcholine deficiency: This category has attracted the most attention and given rise to the most attempts at therapy. The brains of Alzheimer's victims have reduced levels of acetylcholine, one of the chemicals that allows brain cells to communicate with each other. So far, attempts using drugs to help the brain manufacture and raise its own levels have not been successful.

The cholinergic neurons were first mapped in microscopic sections in the Kinsmen Laboratory of Neurological Research at UBC, headed by Drs. Pat and Edith McGeer. Now they are working to establish whether the defect in glucose metabolism found in Alzheimer's victims is secondary to cholinergic deficiency and if drugs have any effect upon the symptoms. The lab is also doing experiments to test the hypothesis that the loss in somatostatin (small protein material used as a neurotransmitter by some neurons in the cortex) may be secondary to the cholinergic defect.

Dr. H. Christian Fibiger of the Kinsmen Laboratory has been working with rats in which the acetylcholine cells lost in Alzheimer's disease are destroyed. When tested afterward, the rats showed defects in learning and memory similar to a person afflicted with the disease. It is hoped that with the development of this "model", trials can be used to explore potential new drugs.

Viruses: Alzheimer's disease could be caused by a common virus getting into the brain which is normally protected from such an invasion. Dr. Jim Hudson and others in the division of Medical Microbiology are working with the McGeers in a search for viral DNA in the affected brain areas. First attention will be given to the DNA of viruses such as Herpes simplex, measles and polio.

Genetics: There is evidence that, in some cases, Alzheimer's disease runs in families. Moreover, victims of Down's Syndrome develop Alzheimer-type changes and there is a familial association of the two conditions. Since an extra chromosome is the culprit in Down's and a genetic defect may be involved in Alzheimer's, the Kinsmen Laboratory is using the techniques of molecular genetics to study the mid-brain tissue from persons with or without Alzheimer's disease. Researchers at the laboratory are trying to detect an abnormal gene product which might be associated with the disease.

Immunological defects: The distinctive trademark of Alzheimer's disease are the plaques and tangles found in the brain. Analysis of the amyloid core of neuritic plaques reveals the fibres of abnormal protein. These fibres may be a sign of a defect in the body's immune system. The twisted fibres that make up the neurofibrillary tangles are also abnormal proteins.

Trace metals: Accumulations of aluminum have been found within the affected nerve cells of subjects showing the classic plaques and neurofibrillary tangles of Alzheimer's. This accumulation is currently thought to be a secondary phenomenon and not a cause of the disease.

At UBC's Health Sciences Centre Hospital (HSCH) Alzheimer's Clinic, genetic, clinical and psychological investigations are underway to better define the symptoms and progression of the disease. A new study is being conducted by Dr. Holly Tuokko, the clinic's psychologist and Dr. David Li of the HSCH radiology department. They are gathering much needed data on a neurologically normal elderly population.

A positive development on the local research front has been the recent coordination of clinical and research efforts between geriatricians and psychogeriatricians involving UBC Health Sciences Centre, Valleyview, Vancouver General and Shaughnessy Hospitals. And the Alzheimer's Clinic is at the hub of this development. ■

Cecil H. Green on his early involvement in Texas Instruments: "We were looking for what I call 'the naturals', the ones who loved what they were doing."

The Natural

BY ANNE SHARP

"ONE OF THE GREATEST pleasures in life is *not* going fishing, *not* playing golf, and *not* building a yacht or fancy house somewhere. No — the feeling of accomplishment — that's the greatest pleasure."

These may be the words of a workaholic but, at least, he's a very relaxed and contented workaholic; and at age 84, he can say "well, if I had to do it all over again, I'd do the same thing."

Former UBC engineering student Cecil H. Green feels lucky he can say that. But, considering the life he and his wife, Ida, have had together, it's not surprising there are no regrets. A pioneer in exploration geophysics, Cecil Green was one of the founders of the high technology company, Texas Instruments. Cecil and Ida's 59-year marriage has withstood the tests of time, relocation and many changes in financial security.

"You know what I finally decided," says Green, commenting on his long marriage with Ida. "Having everything easy and comfortable doesn't naturally keep people together. Working to accomplish something, struggling together has more to do with keeping people together. And when a wife feels she's a necessary component, that's when you're working together."

In conversation, Cecil Green is informal and outgoing. He has a keen memory for a man in his eighties — so much so that he occasionally gets sidetracked bringing to mind a lifetime of stories and observations.

The Greens have no children of their own but their generosity has helped educate more young people than they'll ever know. They have funded more than 20 professorships, a world-wide earthquake detection system, a score of hospitals, research centres and university buildings — all to enhance progress in the fields of education, communication, health, medicine, and science.

In 1966, they donated $200,000 to the University of British Columbia for the purchase and upkeep of what is now known as Cecil Green Park, UBC's alumni centre on campus. The house serves as offices for the Alumni Association and as a "town-gown" activities centre, bringing grads back to campus and keeping them in touch with the university.

And in 1970, UBC received a gift of $600,000 from the Greens enabling the university to bring to the campus distinguished visiting professors and scholars. The money was invested by the university and the annual income established the Cecil and Ida Green Visiting Professorships.

The Greens said at the time that their donation was prompted by their "hope that each generation of students will have contact with a group of world-renowned teachers, thinkers and researchers visiting the UBC campus."

The UBC student Alma Mater Society honored Cecil and Ida Green with the 1984 Great Trekker Award at a ceremony last fall on campus. Although Mrs. Green was unable to attend, Cecil accepted the honor in person.

He felt the Great Trekker Award was especially appropriate because "it makes official the lifestyle my wife and I have been leading all these years."

In the early years of their marriage, the Greens trekked across the continent five times as he searched for a challenging career. Green worked for electronics companies in New England. He unsuccessfully tried to start a business selling neon signs in Vancouver. (There was no need for an electrical engineer here in the 1920s.) He answered countless disappointing want ads for sales jobs.

The Greens were drawn to the west coast life style several times during these years, but found that work and business opportunities were limited. They moved back to Boston. "You have to go where the work is," Green says.

In 1929, they went to Palo Alto, California where Green took a job at Federal Telegraph Co. There, he worked with a young, energetic electronics engineer named Charles Litton, who went on to found Litton Industries.

IDA GREEN, UBC BENEFACTOR

Photo: David Morton

CECIL GREEN ACCEPTING THE GREAT TREKKER AWARD ON BEHALF OF HIMSELF AND HIS WIFE, IDA: "IT MAKES OFFICIAL THE LIFESTYLE WE HAVE BEEN LEADING ALL THESE YEARS."

Green later was convinced by Ida and a former colleague to hire on with the newly organized Geophysical Service, Inc. (GSI) as a party chief, overseeing a field crew working on seismic exploration for oil in central Oklahoma.

"It took me six years to figure out what I wanted to do," says Green. "The geophysical exploration business was a happy combination of technology and people. I owe my wife an awful lot for the years she had to wander around the country with a very unstable individual."

CECIL HOWARD GREEN was born in Manchester, England in 1900 but his parents moved to eastern Canada in 1902 and then on to San Francisco. It was the great San Francisco earthquake of 1906 (which Green credits with sparking his future career interest in seismology) that convinced the family to move to Vancouver.

"I was awakened rudely at five in the morning," recalls Green. "I can remember everything vividly: plaster falling in my face, sleeping in Golden Gate Park, eating in food lines, going by horse drawn wagon to catch the ferry to Oakland, and then riding the train to Vancouver."

Green was educated in Vancouver elementary and secondary schools and attended UBC as an engineering student from 1918 to 1921. He then enrolled in the Massachusetts Institute of Technology where he received his Bachelor of Science and Master of Science degrees in Engineering.

He met Ida when he was working at the General Electric plant in Schenectady, New York, a job that was part of his Master's thesis in the MIT co-operative electrical engineering program. After completing his Master's in 1924, he returned to work at G.E. and married Ida in 1926.

Green says the best business decision he ever made was "mortgaging myself to the hilt" to buy Geophysical Service with three other company employees. The deal was

closed December 6, 1941, one day before Pearl Harbor was attacked. World War II forced the company to diversify into military electronics and the GSI investment snowballed into an empire.

After World War II, the four partners formed a subsidiary called Texas Instruments to continue the electronics side of the business. Texas Instruments became involved in semiconductors, in particular, and was among the first companies to get a licence to build and market transistors following the war.

The Greens' philanthropy was an outgrowth of their involvement in Texas Instruments. Green wanted to bring sharp, young minds into the company.

"We were looking for what I call 'the naturals', the ones who loved what they were doing... that's the type of man you've got to have inventing for you."

In 1951, Green started collaborating with Professor Robert Shrock, then head of Earth Sciences at MIT, on a student orientation program. This involved bringing to Dallas a selected group of junior level undergrad students who showed an interest in applied geophysics. Within a year, the program expanded to include other universities in the U.S. and the Universities of Toronto and British Columbia in Canada.

"Our technological people would put on a lecture series telling how applied geophysics works, what the instrumentation's like, what the language was, how we handle the data, how we interpret it, and how it fits in with geology and so on. The students would spend the rest of the summer working on field crews."

Green has worked with students through university/industry co-operative programs for nearly half a century. Asked his advice for today's student, he responds without hesitation: "My great advice to them is to try to find themselves in terms of what's going to be their cup of tea.

"When some of our recruits would say they didn't want to get into geophysics after all, we didn't get mad at them. Hell, that's good. Get into something else, even if it's chicken-raising or something. If you enjoy it, you'll be a success at it.

"The all-important thing is that no-one — your favorite uncle or your parents — can say you ought to go into this or that because it pays the most money. That's the kind of advice I used to listen to in my day and to a degree I think we're coming back to that again here. But if you're working at something just because it's a 9 to 5 job you're not going to stand a chance competing against someone who is working on it because he really loves what he's doing. You get more out of life, you get happy."

Green and his associates at TI discovered that to attract highly-skilled workers, they had to either stimulate education in the Dallas area or move Texas Instruments to another environment. They chose the former.

They established the Graduate Research Centre of the Southwest, which later became, at the instigation of TI, a part of the University of Texas in Dallas.

Green also went on to develop what was known as the TAGER program (The Association for Graduate Education and Research), a closed-circuit television linkup between all the campuses (private and state) in the Dallas/Fortworth area.

Now, 17 years later, in addition to tying the universities and colleges together, TAGER has established classrooms in every major technology enterprise in the Dallas/Fortworth region, with one-way video and two-way audio.

The TAGER program is typical of the type of collaboration between universities and industry that the Greens support and promote. Cecil Green sees such collaboration as an important factor in getting top quality people and maintaining a leading edge in research and development. These are two of his concerns in running a company.

"We have to worry about the quality of people and, in a technology company, keeping up to date, because what you're doing today can be obsolete tomorrow. You have to be very careful about that.

"And communication throughout the company is crucial so that all elements know what the others are doing. We have a saying in our company that a manager's responsibility exceeds his authority.

"You not only feel responsible for your particular job but you feel responsible for anything else that might go wrong in the entire company. I don't worry about personalities. Teamwork — it's extremely important."

Green's emphasis on teamwork is part of the reason Texas Instruments is frequently mentioned in *In Search of Excellence*, the recent best-seller about America's best-run companies. And there is no doubt teamwork has something to do with why Cecil and Ida Green are now entering their 60th year of marriage. ■

THE TRADITION OF THE GREAT TREK

CECIL AND IDA Green were the 1984 recipients of the Alma Mater Society's Great Trekker Award, which is given annually in recognition of outstanding contributions to UBC.

The award was established in 1950, and is named for the original Great Trek in 1922. The students of that time marched to protest the lack of government action on building the promised University of B.C. at Point Grey.

The marchers, 1,000 strong, walked through downtown Vancouver to Pacific Avenue, where they boarded streetcars and rode to Tenth and Sasamat. From there they trekked to the unfinished campus. A week later a student delegation took a 56,000 signature petition to the provincial government, and soon after that the premier announced a $1.5 million grant to build the university.

UBC and Simon Fraser University faculty, support staff and students held a "Second Great Trek" February 19, 1985 to protest against provincial cuts to the operating grants of UBC, SFU and the University of Victoria.

UBC political science professor, Philip Resnick, proposed the second Trek "to dramatize the threats which any further reduction in the operating grant to the universities would pose to the quality of higher education in this province and to protest, in the strongest possible terms, any attempt by the provincial government to interfere with the autonomy of the universities."

An estimated 2,000 people took part in the trek, which started with noon-hour rallies at SFU and UBC and local community colleges. UBC participants then marched to the University Gates, and from there were bused to Robson Square for a 3:30 p.m. rally.

UBC students have staged other "treks" in support of higher education; in 1957, 1965 and 1982. The latter march was held on the 60th anniversary of the original Great Trek. ■

Illustration: Marion Dahl

CLASS ACTS

20s

Homer A. Thompson, BA'25, MA'27, PhD (Mich) was one of six recipients of the title of *Docteur honris causa* from the University of Paris at Nanterre in January 1984.

30s

Mary Robina (Mouat) Diffin, BA'33, BASc(Nursing)'38, married L. Alfred J. Wrotnowski on October 27, 1984. She and her husband live in Courtenay. . . . **William C. Gibson**, BA'33, MSc, MD (McGill), PhD (Oxon), has been elected chancellor of the University of Victoria. Dr. Gibson was chairman of the Universities Council of British Columbia. . . . **J.B. (Jim) O'Neil**, BSA'35, MSA'38, is a professor emeritus at the University of Saskatchewan. . . . **Olive J. (Jill) Sims**, BA'37, writes that she is doing fine, having retired long ago. She lives in Vancouver. . . . **Peter Shinobu Higashi**, BA'38, hasn't retired yet, but the day isn't long off — he's retiring from the Associated Press after 35 years with the news-gathering organization.

40s

After teaching high school for 28 years, **Joan I. (Bruce) McLeod**, BA'41, retired in June 1984. She served as head of the English department at Penticton Secondary School for several years. . . . **John S. Hole**, BASc'43, and his wife **M. Lois (Campbell) Hole**, BSA'40, MSA'41, have retired to Kelowna. John was most recently with the Instrumentation Engineering Technology program at the Northern Alberta Institute of Technology in Edmonton. . . . Well-known former host of CBC's "The Nature of Things", **Donald G. Ivey**, BA'44, MA'46, PhD (Notre Dame), has retired as vice-president, Institutional Relations, of the University of Toronto to return full-time to the university's physics department. . . . **Arthur F. Jones**, BA'46, has been appointed president and chief executive officer of the Greater Vancouver Convention and Visitors Bureau. . . . Trinidad will be temporary home for **Arnold Waller**, BASc'46. He has retired from Bell Canada after 30 years to work as project manager for a telephone expansion project on the Caribbean island. . . . **William Ian Anderson**, BA'48, is vice-president of the Channel Islands YMCA in Ventura County, California. . . . **Ernest M. Iannacone**, BCom'48, is the new president of the Society of Management Accountants of B.C. . . . Canadian Pacific Ltd. has chosen **Albert Frederick Joplin**, BASc'48, to be commissioner and director general of the transportation company's pavilion at Expo '86 in Vancouver. . . . **Ian E. McPherson**, BA'48, LLB'49, QC, is also involved with Expo, as co-ordinator of official visits. . . . UBC Press has just published *Duff: A Life in the Law* by **David Ricardo Williams**, BA'48, LLB'49, writer-in-residence in the faculty of law at the University of Victoria. . . . **J.S. Edwards**, BASc (Mech)'49, BASc (Metal)'50, has retired from Atlantic Oxygen Ltd., where he had been president since 1968. He and his wife Bernice continue to live in Halifax. . . . **Fred Moonen**, BA'49, has been re-elected chairman of the board of governors of Simon Fraser University.

50s

Oliver R. Howard, BA'50, has written *Godships*, an account of the missionary vessels that plied the waters of the B.C. coast. He still captains the only remaining church mission ship, the Thomas Crosby V. . . . **Newell R. Morrison**, BComm'50, has been appointed to the board of directors of B.C. Hydro. . . . **Vincent H. Venables**, BA'50, now retired from teaching in Kamloops, is working on a biography of Don Juan Fransisco di la Bodega y Quadra. He continues his "laborious writing" in Calgary. . . . **Margaret Guest Hoehn**, MD'54, has been promoted to clinical professor of neurology and appointed director of the Parkinson's Disease and movement disorders program and clinic at the University of Colorado's school of medicine. . . . **William J. McCormick**, BASc'54, is now president of GTE Sylvania Canada, Ltd., where he started work as an applications engineer in 1957. . . . **Robert Termuende**, BA'56, is president of Kenton Natural Resources Corporation, a junior mining and oil exploration company. . . . **Gary C. Castle**, BComm'58, LLB'59, has been appointed vice-president of the western division of Coldwell Banker Canada Ltd. . . . Geologist **Douglas Craig**, BASc'58, of Whitehorse has been appointed to the Science Council of Canada. Dr. Craig is a high school science teacher and a geology instructor with the UBC Programs at Yukon College. . . . **David Stanley Nuttall**, LLB'58, has been appointed assistant vice-president of Western Capital Trust Ltd. . . . **C. Peter Valentine**, BComm'58, has been named chairman of the Peat Marwick International Energy Group in Calgary. He's also taking on the position of national energy industry practice director of Peat, Marwick, Mitchell and Co. . . . **Charles J. Connaghan**, BA'59, MA'60, is the new president of the Canadian Club of Vancouver. . . . **Mel (Yat) Yip**, BSc'59, has been appointed director of the Vancouver City Analyst's Laboratory.

60s

Poet **George Bowering**, BA'60, MA'63, was on a poetry reading tour of Australia in February 1985, writer in residence at the University of Rome in March, and will teach at the Free University of Berlin in the summer. . . . **Theodora Carroll-Foster**, BComm'60, LLB'61, was the joint founder, with her husband, of EDPRA Consulting Inc. The company, of which she is vice-president, specializes in international energy and development work. . . . Former B.C. deputy forests minister **Thomas Michael Apsey**, BSF'61, is now president and chief executive officer of the Council of Forest Industries of B.C. . . . **Ray Grigg**, BA'61, and his wife **Joyce Baker**, BMus'69, have moved into a new home, built by Ray, on Quadra Island. Ray is a carpenter while Joyce teaches kindergarten. . . . As a judge of the Provincial Court of B.C, **Leo A.T. Nimsick**, LLB'61, is assigned by the Chief Justice to areas of need throughout the province. His home is in Burnaby. . . . **Valerie (Capstick) Parker**, BSc'61, MSc'63, has co-written and published *The Lowfat Lifestyle*, which includes recipes, nutrition and fitness tips and exercises. . . . **William E. Morel**, BASc'63, joins Colombia Mineral Resources in Medellin, Colombia as senior vice-president. The South American firm is a subsidiary of Vancouver's Inland Recovery Group. . . . **John Arthur Hodgins**, BComm'63, is a commodity broker with the investment firm of Walwyn, Stogell, Cochran, Murray Ltd. . . . **William H. Levine**, BA'63, is the executive vice-president of the Daon Development Corporation and president of Daon Corporation, U.S. . . . Recently promoted to lieutenant-colonel was **Robert M. Murray**, BASc'63. He was also appointed commanding officer of a Vancouver-based reserve battalion of the Canadian Forces. . . . **Donald M. Vassos**,

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THE CANADIAN Club of Chicago is sponsoring the second annual Canadian Universities Alumni Night, Friday, April 26, 1985.

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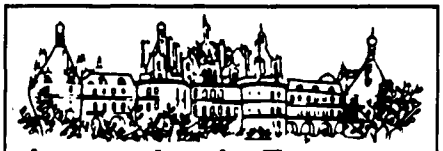

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BA'63, has been named senior vice-president of the western division of Coldwell Banker Canada Ltd. . . . After 17 years of teaching high school English, **Jill C. Kirwen-Suppa**, BEd'65, has been appointed associate director of research and economic services for the New Jersey Education Association. . . . Once an AMS general manager, **Brian Robinson**, BSW'65, MSW'68, was re-elected to a fifth term of office as a Coquitlam alderman in November. . . . **John A. Farquhar**, BComm'66, is the new president of the Hi-Test Detection Services Inc. . . . **Ron Janis**, BSc(Pharm)'66, MSc(Pharm)'68, is principal staff scientist at Miles Institute, New Haven, and associate professor of medicine at the University of Connecticut. . . . **Ron Welwood**, BA'66, BLS'67, was co-writer of a recent pamphlet for a architectural heritage walking tour in Nelson, B.C. . . . UBC's Information Services has a new name, the Department of Community Relations, and a new director in **Margaret Nevin**, BA'67, BJ (Carleton), MA (Sorbonne). She was most recently communications advisor to Liberal finance minister Marc Lalonde. . . . UBC PhD candidate **Philip Allingham**, BA'68, and Fraser Valley Collegiate teacher **Andrea (Holm) Allingham**, BA'83, were married on December 15, 1984. . . . **M. Hanif Chaudry**, MASc'68 (Civil), PhD'70 (Civil), is associate professor of Civil and Environmental Engineering at Washington State University. . . . **Terry Sankey**, BEd'68, MEd (Western Washington), has moved from Prince Rupert to Mission to take up duties as superintendent of schools in School District 75. . . . New partners in Touche Ross, Chartered Accountants, are **John Bottom**, BComm'69, **Daniel N. Rollins**, BComm'74, and **Claude R. Rinfret**, BComm'76. . . . When **Arthur J. Gates**, BSc(Agr)'69, plays golf in Smithers, he'll have no excuses for bad shots — he designed the 18-hole course which opened for play in September, 1984. . . . **David Goyder**, BComm'69, MBA'70, is managing director of Rail Car Services Ltd., of the Procor Group in England. . . . **Dianne L. Neufeld**, BA'69, is the director of the Film Promotion Office of the B.C. tourism ministry. . . . **Heather Shannon**, BComm'69, is a tax partner at the accounting firm Clarkson Gordon. . . . **Cecil Ralph Wallace**, BEd'69, MEd'76, is the principal of Granby Memorial Middle School in Granby, Connecticut. He was formerly assistant principal at another Connecticut school.

70s

Ken Cross, BRE'71, and **Linda (Claydon) Cross**, BRE'71, are enjoying great success with "Alias?", a word game produced by their company Vital Games. . . . **Rosemary (Gething) MacEachern**, BSR'70, moved back to B.C. from Prince Edward Island in 1984 and is now manager of rehabilitation services at Eagle Ridge Hospital, Port Moody. . . . Another grad to move a great distance recently is **Angus E. Robertson**, BA'72, MA'77. The Department of Indian and Northern Affairs employee is in Ottawa working on native land claim negotiations after a stint in Whitehorse. . . . **Diane Michelle Smith**, BEd'72, is a smoking education consultant with the Alcohol and Drugs Program Unit of the Department of Education in Queensland, Australia. . . . Also in Australia is **Bob Tonkinson**, PhD'72, a professor of anthropology at the University of Western Australia. . . . **Gary D. Wekkin**, MA'72, PhD'80, has written *Democrat versus Democrat: The National Party's Campaign to Close the Wisconsin Primary*. He's assistant professor of political science at the University of Central Arkansas. . . . **Brian Zelley**, BComm'72, recently opened a chartered accountancy practice in Victoria, B.C. He's also editor of "B.C. Amateur Boxing News", director of the Victoria Athletic Association and secretary of the Greater Victoria Chartered Accountants Association. . . . **Carl M. Heino**, MBA'73, was appointed controller of Roland Canada Music Ltd. . . . **Colleen Knox**, BEd'73, and husband **Donald Knox**, BA'75, are teachers in the Central Okanagan School District. . . . **Judy Zaichkowsky**, BHE'73, PhD (UCLA), accepted a position on the faculty of The American University in Washington, D.C. Her 1984 dissertation received an honorable mention award from the Amercian Psychological Association. . . . **George G. Dorin**, BSc(Agr)'74, has a new job as an investment advisor with Pemberton Houston Willoughby in Vancouver. . . . **Roger Peterson**, MSc (Bus. Admin.)'74, DBA (Tenn.), is a visiting associate professor of transportation at Arizona State University. . . . Back in his hometown of Victoria is **John E. Richardson**, BASc'74. He joins the International Electronics Corporation after 10 years of working in Ottawa. . . . **Alnoor Hassanali Karim Abdulla**, MD'75, has been elected to fellowship in the American College of Cardiology. He is director of the nuclear cardiology and pacemaker clinic at Sudbury Memorial Hospital in Sudbury, Ontario. . . . **Louise Ball**, BA'75, MA, MPH, PhD (UCal. Berkeley), and her husband are both working in the San Francisco Bay area. . . . **Joseph Gubbels**, MA'75, and his wife Victoria Sharron Anne, live in Parksville with their two sons, Michael, 5, and Jonathan Gerard, 1. . . . **Tish (Clow) McMurtry**, MLS'75, married Gary McMurtry October 27, 1984. . . . **Lawrence Kaempffer**, BASc'75, returns to Canada after four years in England. He's with Westinghouse Canada in Hamilton, with wife Valerie Fines, BA (UVic), daughter Alexandra and twin sons, Nicholas and Jost. . . . **Kanwal Inder Singh Neel**, BSc'75, MEd'83, married **Sulksna Nancy Siripawa**, BSc'77, in March 1982. Nancy works as a teaching lab technologist in the Chemistry Lab at Vancouver General Hospital, and Kanwal heads the math and computer sciences department at Hugh Boyd Junior Secondary in Richmond. . . . Music teacher **Carol L.(Steele) Fedoruk**, BMus'76, married engineer John Fedoruk, and is now teaching students from kindergarten to grade 9 in a Winnipeg school. . . . **Vickey (Sahota) Lal**, BEd'76, has racked up eight years with the Vancouver School Board. She's a phys ed teacher at Kitsilano High School. . . . **Joel F. Collins**, BSc'77, BSc'80, is a geologist with Mobil Oil Canada in Calgary. . . . **David A. Harrison**, MEd'77, received his PhD in

historical geography from the University of Alberta in 1984. . . . **Brian G. Jones**, BSc'77, is a consultant with AT&T Bell Laboratories just outside of Chicago. He works in the computer systems development laboratory. . . . **Kathy (Baird) McLaughlin**, BA'77, has been appointed manager of marketing communications for Cantel Inc. in Toronto. . . . **Charlie Mueller**, BASc'77, and wife **Jayne (Cryer) Mueller**, BEd'79, have left Calgary to move to Malaysia. They will spend three years in Kuala Lumpur, where Charlie works for Esso. . . . **Stan Tam**, BSc'77 and **Shirley Yue**, BA'80, were married on November 17, 1984. Stan is an accountant while Shirley teaches in Abbotsford. . . . **Patricia (Knight) Becher**, BA'78, MA (UVic), married Lawrence Becher on October 20, 1984. . . . **Margot Caine**, BA'78, married **Richard L.D. Saxton**, BA'77, on June 8, 1984. They live in San Diego where Richard is a sportscaster with the station, KGTV. . . . Calgary is home for **Ian M. Fraser**, BASc'78, but he works in the Beaufort Sea for Esso Resources Canada. His wife is **Melissa Ward**, BSc'84. . . . **William Chatfield Inman**, BComm'78, has been appointed vice-president of The Bills Group. . . . **Christian Mordhorst**, BASc'78, MASc (Alberta), is working outside of Munich, West Germany. . . . Former *Chronicle* indexer **Ada-Marie (Atkins) Nechka**, MLS'78, is the head of lending services at the University of Calgary libraries. . . . **Viraf (Willy) Reporter**, BSc'78, has "enjoyed re-uniting with old campus friends regularly." He's assistant vice-president and senior financial markets advisor with The Bank of America in Chicago. . . . Working in the Big Apple is **Ann Richards**, BA'78. She joined the Inter-Continental Hotels of New York as a travelling accountant in the internal audit department. . . . **Jill Tomasson**, BA'78, was married to David Gordon Goodwin on December 8, 1984 at the University of Toronto where both are working on their PhD dissertations in English. . . . **David Ferguson**, BSc'79, MBA'82, writes from Toronto that he's with Citibank Canada's corporate real estate group. He also gives news of **Hal Stovall**, MBA'82, who works for Eli Lilly, and **Earl Tucker**, MSc (Bus. Admin.)'83, who is with Sun Life in Toronto. . . . **Brenda Fraser**, BA'79, is a draftsman for Seakern Oceanography and Seastar Instruments, two associated oceanographic consulting and scientific instrument manufacturing firms. . . . Returning to UBC is **Robert Alan Fuhr**, BA'79, MA (McGill). He's working on his doctorate in history. . . . "Our focus is stimulating the search for opportunities leading to successful entrepreneurship" writes **Don Hargreaves**, BSc(Agr)'79, about his job with the B.C. Ministry of Industry and Small Business Development. . . . **Paul Hollands**, BComm'79, married **Maria Wiesner**, BHE'80, on December 22, 1984. Maria is a teacher in North Vancouver, and Paul is marketing manager for A & W Food Services of Canada Ltd. . . . **Calvin R. Linderg**, BPE'79, is vacation sales manager for 108 Health & Guest Ranch in Cariboo. . . . **Ann Petersen**, BSW'79, works at the Women's Sexual Assault Centre in Victoria. . . . **Perry Williams**, BSc'79, has a new job as a computer programmer for MacMillan Bloedel.

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80s

Ellen (Nightingale) Berry, MA'80, received her diploma in piano teaching from the Royal Conservatory of Music last November. She teaches piano from her Cambridge, Ont. home. . . . **Daniel Wayne Deyell**, MA'80, BA (Regina), left Calgary for Penticton, where he's director of the Penticton Art Gallery. . . . **Wendy (Maynard) Jeske**, BComm'80, has been appointed manager, salary administration, for the Workers' Compensation Board. . . . Clark University in Massachusetts reports that **Geraldine J. Pratt**, MA'80, has been named an assistant professor of Geography. . . . **Ferdoss Saatchi**, BSc(Agr)'80, is hoping to get some fruit this year from his 27 acre red apple orchard near Kelowna. . . . **Patti Stonely**, BEd'80, teaches French immersion at Ross Road Elementary in North Vancouver. . . . **Gary Backler**, MSc (Bus. Admin.)'81, is an associate of transportation consulting division with Boox, Allen and Hamilton of London, England. . . . **Joanne Bjarnason**, BA'81, MBA (McGill), works in marketing for L'Oreal in Paris. . . . **Dianne Bergen**, BA'81, married Derek Vanditmars on October 6, 1984 and **Anne (Brunner) Cairns**, BEd'81, married **Kelly Cairns**, LLB'82, on July 14, 1984. . . . **Steven Paul Kaija**, BASc'81, works for Shell Oil in Cochrane, Alberta. . . . **Yehoshua Raz**, BSc'81, has had an interesting life since graduation. He immigrated to Israel in 1981and changed his name from **Walter Porzecanski**; obtained an MBA from Tel Aviv University in 1983; enlisted in the Israeli Defense Forces and was made lieutenant, and married Hada Ahituv in October, 1984. . . . **Ray Mathes**, MSc (Bus. Admin.)'82, has moved from B.C. to Newcastle, New Brunswick to work as personnel superintendant for Boise Cascade Canada Ltd. . . . **Pam Geddes**, BA'82, is completing a master's degree in counselling at the University of Calgary and teaches part-time at Mount Royal College. . . . **Victor F. Grundy**, BComm'82, and **Leslie A. Nobbs** MPE'82, were married on October 20, 1984. . . . **Deborah Hompoth**, BEd'82, married Reinhold Brokop on July 28, 1984. They live in Regina. . . . **Deborah S. (DiAigle) Oram**, BSc(Agr)'82, married Mark Oram last October. They live in Central Butte, Saskatchewan. . . . **Matt Davies**, BA'83, is working on his MA in History at McGill University in Montreal. . . . "After a year of sales in the B.C. Interior," writes **John A. Dickson**, BComm'83, "I changed jobs and completed a surgical training course in New Jersey. I've since moved to Ottawa to assume a position as a sales specialist. I'm enjoying the National Capital Region". . . . **Susan Lee Ann Fisher**, BFA'83, just married **Simon Van Norden**, BA'82. Simon is working on his PhD in economics at MIT. . . . **Ross Gallinger**, BSc(Agr)'83, was promoted to assistant environmental co-ordinator at Equity Silver Mines Ltd. in Houston, B.C. . . . **Greg Head**, BSc(Pharm)'83, works as a staff pharmacist at Royal Columbian Hospital. . . . **Vee Jawanda**, MD'83, married **Kelly Lail**, BASc(Electrical)'83 on June 23, 1984. Kelly works for Trans Alberta Utilities, and Vee is doing a year of internal medicine in Calgary. . . . **Paul H. Kraeutner**, BASc'83,

is attending the University of Rhode Island, working towards a master's degree in ocean engineering. . . . **Beena Makhijani**, BSc(Agr)'83, is now working and living in Hong Kong. . . . Marriage soon followed graduation for **Debra Christiansen**, BSF'84, and **Robert A. Stowe**, BASc'84. They were married on August 18, 1984. . . . **David Faoro**, BComm'84, is a logistics co-ordinator in the agriculture group of C-I-L Inc. in London, Ont. . . . **Elizabeth Shaw**, MSc'84, BSc (Carleton), married Jim Pickard in Ottawa on September 8, 1984. She's an audiologist at a school for the deaf in Bellevile, Ont.

BIRTHS

Dennis Bettiol, BSc'74, and **Jennifer (Ready) Bettiol**, BComm'80, a son, David Anthony Charles, December 18, 1984. . . . **Margot Campbell**, BA'75, MBA'77, a son, Brent, July 10, 1984 (grandson to **David Campbell**, LLB'49 and **Joan Jarvis Campbell**, BA'48). . . . **Peter Cheeke**, BSA'63, MSA'65, a son, Clarke Douglas, March 12, 1984, a brother for Tanya, Robert and Ryan. . . . **Angeline (Baillie) Derrick**, BA'73, and **Roy A. Derrick**, BA'68, a daughter, Colleen Elizabeth, May 8, 1984 in Toronto. . . . **Heather Lynn Dolman**, BHE'84, and John Dolman, a daughter, Laurel Anne, April 4, 1984. . . . **Ariel L. (Andersen) Eastman**, BEd'71, and **Barry W.R. Eastman**, BSc'68, a daughter, Erika Venetia Anne, December 5, 1984, a sister for Barrett. . . . **Ian K. Hayes**, BA'72, MA'78, and **Louise Hayes**, BSc'72, MBA'74, a son, Michael Anderson, November 5, 1984, a brother for Gregory. . . . **Tom Johnston**, LLB'82, and Christine Micallef, a daughter, Alaina Micallef, November 26, 1984 in Penticton, a sister for Leneigh. . . . **Colleen (Gordon) Knox**, BEd'73, and **Donald Knox**, BA'75, a daughter, Caitlyn Patricia, October 31, 1984. . . . **Hugh MacKinnon**, BEd'78, MEd'84, and **Kathie Munr**, BEd'78, a son, Sean Neville, September 7, 1984 in Vancouver. . . . **Lorel McLaren**, BA'72, BArch'78, and **H. Ian Ronalds**, BArch'75, a daughter, Julia Lindsay Ronalds, November 7, 1984. . . . **Patricia (Mazurchyk) Moss**, BA'71, MLS'73, and **Raymond Moss**, LLB'81, a daughter, Karen Elizabeth in Quesnel, January 2, 1985. . . . **Nancy Ruth (Sangster) Mercer**, BEd'75, and **Norman Anthony Mercer**, BSc'75, DMD'78, a daughter, Julie Lynne, December 4, 1984. . . . **Barbara (Landels) Mikulec**, BEd'69, and **Mark Mikulec**, BEd'67, a daughter, Laura Grace, September 28, 1984 in Vancouver, a sister for David Graham. . . . **Robyn E. (Reid) Miller**, BEd'73, and **D. Alexander Miller**, MD'81, a daughter, Jennifer Elizabeth, July 11, 1984. . . . **Jane (Yelf) Monchak**, BEd'75, and **Richard Monchak**, BSF'78, a daughter, Jennifer Jane, July 16, 1984. . . . **Douglas J. Morris**, BComm'80, and Wendi Morris, a daughter, Rae Michele, July 30, 1984 in Vancouver. . . . **Ada-Marie (Atkins) Nechka**, MLS'78, and Kenneth Gordon Nechka, a daughter, Amelia Lynn, August 4, 1983. . . . **Kathleen M. (Sturgess) Nichol**, BA'70, MLS'73, a daughter, Colette Theresa Nichol, November 1, 1984. . . . **Patrick Saunders**, BSc'79, and Karen (Newell) Saunders, a daughter, Jennifer Elvie Diana, December 4, 1984. . . . **Barbara (Wright) Steeves**, BHE'78, and Darrell Steeves, a son, Nathan John, July 27, 1984 in Red Deer, Alberta. . . . **Margot A. (Noble) Van Lengen**, BHE'74, a son, Robert Glenn, September 25, 1984. . . . **Janet White**, BEd'74, MEd'81, twin daughters, Judith Elizabeth and Catherine Jean, December 27, 1984 in Vancouver. . . . **Anne Wicks**, BComm'78, MSc'82, and **Michael Wicks**, BA'65, a son, David Michael, February 14, 1985 . . . . **Perry Williams**, BSc'79, and **Ronda Williams**, BEd'75, a daughter, Rebecca June, November 6, 1984. . . . **Maureen (Williams) Wormsbecker**, BEd-S'80, and **Stuart Wormsbecker**, BEd-S'80, a son, Andrew John David, November 3, 1984 in Kamloops.

IN MEMORIAM

Mrs. Sidney G. (Molly) Allen, BA'37, February 1984.

Hubert L. Benthim, BA'52, September 1984.

Michael W. Bodnar, BASc(Elect)'46, 1984. Recently retired after 35 years service with B.C. Hydro, he was a proud member of the Professional Engineering Association and the Masonic Lodge. He is survived by his wife Isabel (Gould), BPE'49, sons David, BPE'76, MPE'80, and John, BPE'76, and daughter Anne, BEd'79.

William Marr Crawford, BComm'46, November 19, 1984. He is survived by his wife, F.P. Crawford and children.

Nancy Elder, BA'16, November 24, 1984 in Vancouver.

Donald James Fitzosborne, BA'27, MD (Alberta), December 30, 1984 in Vancouver. He practised medicine in Bridge River and then Vancouver. He served in World War II in Italy and Holland, and after the war, resumed his practice in Vancouver. He is survived by his brother Freleigh Fitz Osborne, BASc'24, MASc'25, PhD (Yale) of Sillery, Quebec.

Douglas Weatherbee Fowler, MSW'58, May 14, 1984 in Delta. He is survived by his wife Laura, BSW'46, his sister Helen Dunlop and a nephew, Donald Dunlop.

Edward B. Fraser, BSA'26, 1984 in Fort Lauderdale, Florida. He worked for the Dominion Department of Agriculture in Ottawa for many years before his retirement. He is survived by his wife.

James Y. Halcrow, BA'40, July 18, 1984.

Alexander P. Hrennikoff, BASc'30, MASc'33, 1984. A Professor Emeritus of Engineering at UBC, he served as a consultant on various B.C. engineering projects. He began his teaching career at UBC in 1933. He is survived by his wife Alexandra, son George and two grandchildren.

George Frederick Jones, BComm'34, October 24, 1984 in Burnaby.

Gordon Mackay Kirkpatrick, BA'23, MD (Toronto), September 19, 1984. After serving overseas in World War II, he worked at the Child Guidance Clinic in Vancouver, and later in Burnaby, until his retirement in 1968. In retirement he served as a psychiatric consultant to the Juvenile Court and as a member of the Provincial Parole Board until 1978. From 1978 to 1984 he took winter session courses at UBC and was an active participant in the summer program for senior citizens. He is survived by his wife Mary, four children and five grandchildren.

Alison Melville Law, BA'38, November 1984.

Charles J. Marshall, BA'50, January 13, 1985 in Islamabad, Pakistan. The Canadian ambassador to Pakistan, he worked for the government from 1951, first with the department of northern development and Indian affairs and later with the department of external affairs. He also served as ambassador to Turkey and on the Canadian permanent mission to NATO. He is survived by his wife, Jane Marshall, BA'51.

Kathleen (Green) Morrow, BA'29, May 1984. She is survived by her husband D. Cecil Morrow of Victoria, and her son Cecil, BA'65, of Vancouver.

Areta (Pawlus) Muehling, BEd'71, October 2, 1984. She is survived by her husband Win, BA'69, and daughter Anna.

Charles W. Parker, BSc'41, January 1984 in Montreal. Though in retirement from CP Rail, he was working for CP Consulting Services and preparing a project for Zambia Rail. Highly respected in his field, he travelled to many countries, helping railways with problems. He is survived by three children and six grandchildren, by his second wife and by his sister.

Arnold Gordon Powell, BComm'32, June 1, 1984.

Alasdair Scott-Moncrieff, BASc'62, October 1984.

James O. Swan, BA'34, BEd-S'51, October 22, 1984.

A.D.C. Washington, BA'33, October 1984 in Penticton. He was a lawyer for many years in Princeton and then Penticton. During World War II he served in the RCAF. In 1964 he was appointed a county court judge. He is survived by his wife Kathleen, daughter Mrs. Peter Newmark of London, England, brother Dr. Lawrence Washington of Calgary, sisters Mrs. Catherine Heron, BA'38, and Dorothy Washington of Vancouver and 30 grandchildren. ■

ALUMNI SCHOLARSHIPS

The Alumni Association awarded 109 students with scholarships and bursaries worth more than $100,000 at a reception January 23. Among the scholarships and bursaries awarded are the Norman MacKenzie Alumni Scholarship, the Walter H. Gage Bursary, the Norman MacKenzie Regional College Scholarship, Jennie Gillespie Drennan Memorial Scholarship, and the Douglas T. Kenny National Alumni Scholarship.

The Association has raised $272,371 — 81 per cent of its $334,000 goal — in its campaign to establish an endowment fund as a guaranteed source of funding for these scholarships. The money will be matched by the Vancouver Foundation and the University, raising the money in the endowment fund to $1 million.

Gerry Marra, President of the Friends of UBC, Inc., also attended the reception. He reports that $32,223.11 (U.S.), which amounts to $42,500 Canadian, has been transmitted to the Jennie Gillespie Drennan Memorial Endowment Fund, as per the will of Albert Drennan, who established the scholarship fund in memory of his aunt. The extra gift will allow the Friends of UBC to provide two more Drennan Memorial Scholarships to women students in Medicine at UBC. ■

Alumni Association presidents past and present say farewell to former Association executive director, Peter Jones, who, after five years with the Association, was appointed Dean of Development at the British Columbia Institute of Technology in December 1984. (Left to right: Robert Smith, Grant Burnyeat, Peter Jones, George Plant, Mike Partridge, Kyle Mitchell).

CLYNE HONORED AT DINNER

Former UBC Chancellor J. V. Clyne was honored at a $200 a plate dinner at the Hotel Vancouver on February 13, the eve of his 83rd birthday. Funds raised at the dinner will launch the John V. Clyne Lecture Program at UBC. Details and pictures from the dinner will appear in the Summer *Chronicle*.

Continued from page 7 . . .

Class of 1925: Call Elsie Pain, 604-266-8284 with suggestions regarding the feasibility of a 60th reunion in the summer;

Pharmacy '75: August, Marvin Nider, 604-261-4244;

Forestry '60: TBA, Mr. J. Leesing, 604-684-0151;

Engineering '60: TBA, William G. Knutsen, 604-766-4288, P.O. Box 188, Winfield, B.C., V0H 2C0.

Phys Ed '50 will hold a 25th reunion on September 14, 1985. Further details will be announced.

Phys Ed Division Announces Class Picture Project

The Class of BPE'49 wants to present a composite picture of class members to the School of Physical Education and Recreation. Norm Watt and Reid Mitchell have volunteered to assemble the individual photos and arrange for the composite.

Class members are asked to send a black and white, 11/2 by 2 inch print and a cheque for $25 to help defray the cost of the picture to the "P.E. Class of '49 Picture Project," c/o Reid Mitchell and Norm Watt, at the Alumni Association office.

The $25 is tax-deductible and it is hoped that for this price each classmate can be provided with a small print of the composite. A tax receipt will be sent to all. Any amount in excess of $25 will also be appreciated and will be used for the alumni scholarship fund.

October 21-26: UBC Open House, Homecoming Week, Universities Week

The week of October 21 to 26, 1985 will be a busy one on campus, with Homecoming Week, Open House and National Universities Week all coinciding.

The tentative schedule of events calls for historical displays all week in the Student Union Building and the Main Library, a re-dedication ceremony at the Cairn on Tuesday, Just Desserts Party on Wednesday, the annual Arts '20 Relay Race and the Great Trekker Award Dinner on Thursday, a football game and student dance on Friday, tours of the campus on both Friday and Saturday and the first annual Thunderbird Athletic Day on Saturday.

If you're interested in taking part in the Thunderbird Athletic Day on October 26, call Bob Hindmarch at 604-228-4279. Sports will include field hockey, rowing, ice hockey, soccer, basketball and UBC Old Boys rugby. ■

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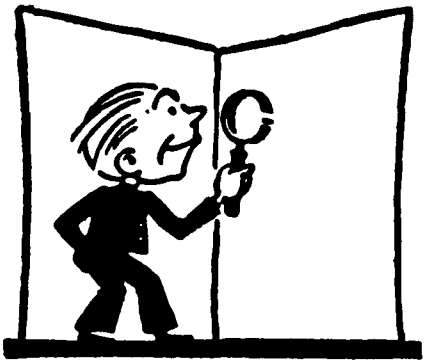

We've lost addresses for the following UBC graduates. These people are from our upcoming reunion years so we are eager to find them. If you can help us locate any of them, please call or write

Alumni Records
6251 Cecil Green Park Road
Vancouver, B.C.
V6T 1W5, (604) 228-3313.

We need your help!

The Alumni Association maintains a mailing list of graduates for the University. This list is required for the registrar's mailing for the Senate and Chancellor elections and other purposes.

But maintaining addresses for graduates is becoming more difficult each year, because of the size of the list (112,304 names and growing by 4,000 each year!), the mobility of graduates and financial restraint at the University.

If you can volunteer some time to help us (it doesn't matter where you live) please write or call the above address.

60th Reunion Class of 1925
Vera G Behrendt BA
Robert E Cummings BA
Peter H Demidoff BASc
Etta Louise Graham BA
Robert D Greggor BASc
Allan Hemingway BA
Kenneth W Hicks BASc
Marguerite McDonald BA
Margary McIntyre BA
Reginald C Mills BA
Cecilia Nelson BA
Peter F Palmer BA
Elsie G Taylor BA
Arthur R Woodhouse BASc

50th Reunion Class of 1935
Donald B Atwater BA
Margaret Jean Baxter BA
Bella Braverman BA
James R Brown BASc
Rita F Caufield BA
Charles S Clarke BA
Margaret J Clotworthy BA
John J Conway BA
Walter F Cornett BASc
Francis Raymond Davies BA
W Jack H Dicks BSA
John H Fisher BA
Christie Fletcher BCom
Mildred Marie Fraser BA
John W Gillson BA
Anatole Goodman BASc
Catherine Joan Guenther BA
Joy G P Helders BA
Richard Holmes BA
Clifton Idyll BA
James Inkster BA
Vernon Koga BSA
Wm Wesley Latimer BA
Tom Mansfield BA
Carmen Mary McGoran BA
George Howard Mossop BA
George H Nelson BA
Vadim O Pahn BA
William H Patmore BA
Isabelle Ruth Petrie BASc
Barbara Pettipiece BA
William C Phillips BASc
Agnes Anne Ramsay BA
Wm Paden Rathbone BA
Frederic Richards BASc
Dorothy A Robertson BASc
Kathleen Robertson BA
Helen Patricia Rosenau BA
Wm Haddock Simons BA
Norman R Stewart BA
Jean Thomas BA
Gertrude B Williams BA
Ada Annie Woods BASc
Clare A Young BA

25th Reunion Class of 1960
Desmond Alexander BCom
Iva B Amthor BEd
Beatrice Andersen BA
Ernest Anderson LLB
Wayne Arthur BSA
Arthur Babcock BCom
Arthur W Bailey BSA
Martin F Bartlett BA
Raimund Belgardt BA
Anne Ida Beretta BA
Henry P Block BA
Murray A Booth BASc
Dorothy Bradley BEd
Otto Z Breuer BA
Joan A Brown BA
Mary Arleigh Brown BSN
Raymond J Brown BA
Kwame Buahene BA
Brian D Buick BSc
Christopher Carr BASc
Winston B Charles BSA
Dorothy Mae Clark BSc
Ian S R Clark BASc
John Arnot Clark MD
Stewart Cecil Clark BSP
Frederick Dale Clarke BA
Donald F Clisch BASc
E A Constantinidis BA
Harry Cook BSA
John George Cook BSc
Ronald Cook BASc
Kenneth N Coutts BA
Thomas Alan Cross BCom
Evvolle P Cuthbert BSW
Rudolph Cuthbert BSc
Gordon Alan Dafoe BA
Gordon Davidson BASc
Robert B Davies BA
Robert C Davis BA
Barry Debruyn BASc
Shirley Anna Dent BA
Kenneth Anderson Dick BSc
Marlene E Dick BSW
Edward L J Donais BSc
Dolores C Dushney BA
Patrick B A Dyer BA
Frances Joan Dyson BEd
David H Edwards BASc
Wally Eggert BA
Kwong Don Eng BASc
Melvyn M Enkin BA
Sivert Erickson BSc
Nelson Kermit Eutin BA
Valerie Elizabeth Evans BA
Sidney E Fancy BA
Pearl A Farrell BA
Frank Peter Fioretti BASc
D Aura Forrester BHE
Deirdre Evelyn Fowlds BA
Werner E Friedrich BSc
Ronald A Garner BEd
Sonny Bing Gee BA
Joel J Genser BCom
Norma Anne Gibson BHE
Margaret Gillespie BA
Judith F Glanville BA
Gerald A Goeujon LLB
Kenneth D Gordon BA
Jatindra Goswami BSA
Diane M Grisdale BPE
Werner Gruninger BA
Victor J Guenther BA
Michael John Haggerty BSc
William N Haley BA
Phyllis R Hall BSN
Nancy M Halsey BA
Maurice A H Haqq BSc
Alvin W Hazel BSA
John R Henderson BA
Alexander F Heron BA
Danka Hieke BArch
Jacob V Hintz BSc
Sze CHo BSc
Marjorie Evelyn Hoey BEd
Barbara Ann Hoffman BA
Douglas Hood BEd
Paavo J Horkko BASc
Florence J Hudson BEd
William R Hulett BEd
Duayne T Hutchinson MD
Pamela J Hutson BA
William L Inglis BASc
Isobel G Inlis BEd
Geoffrey M Jackson BPE
Valerie Anne Jensen BSN
Margaret G Johnston BA
Robert E Johnston BA
Harold R Joseph LLB
Donna H Kahn BSW
Jack M Katnick BArch
Paula T Kay BA
Sheila Smith Kerr BHE
Stuart Edgar Kidd BA
Renata Helen Klym BA
Linda Ann Knowles BSW
Istvan Koltai BSF
Hans Albert Kuechler BA
Cyril R Lander LLB
John Russell Leask BA
Albert Lee B Arch
Henry Lee BCom
Kenneth Lee BASc
James Duck Leong BSc
Sam Gam Leong BSc
Elizabeth C Lewis BSc
Owen B Lindsay BSA
David Livingstone BSc
Joan Elspeth Lowe BEd
John Maurice Lowe BEd
Robert H Luning BSc
Hugh Luu BSc
Clifford A MacDonald BSP
Duncan M MacInnes BA
Leslie Janet MacLean BEd
John R Mainwaring BA
Jack Malcolm BEd
Robert Mawdsley BSc
Barry Mawhinney BA
Barry Wayne Mayhew BA
William McCallum BSc
Carole J McCandless BEd
Mary Lynn McDonald BA
Ian R McGregor BSc
Martha A McKay BA
Robert McKenzie BSA
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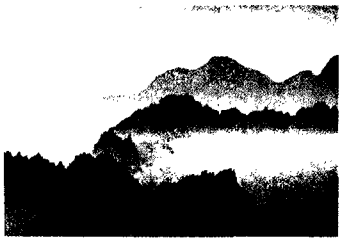
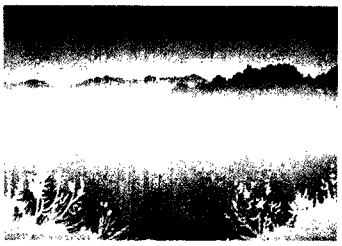
A Low Tide

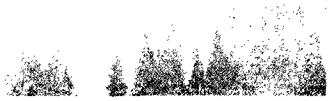
B Summer Morning



C Sakinaw Lake



D Early Frost



E Summer Rain

F Cove

G Port Moody

H Indian Summer

I Sunday Night

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