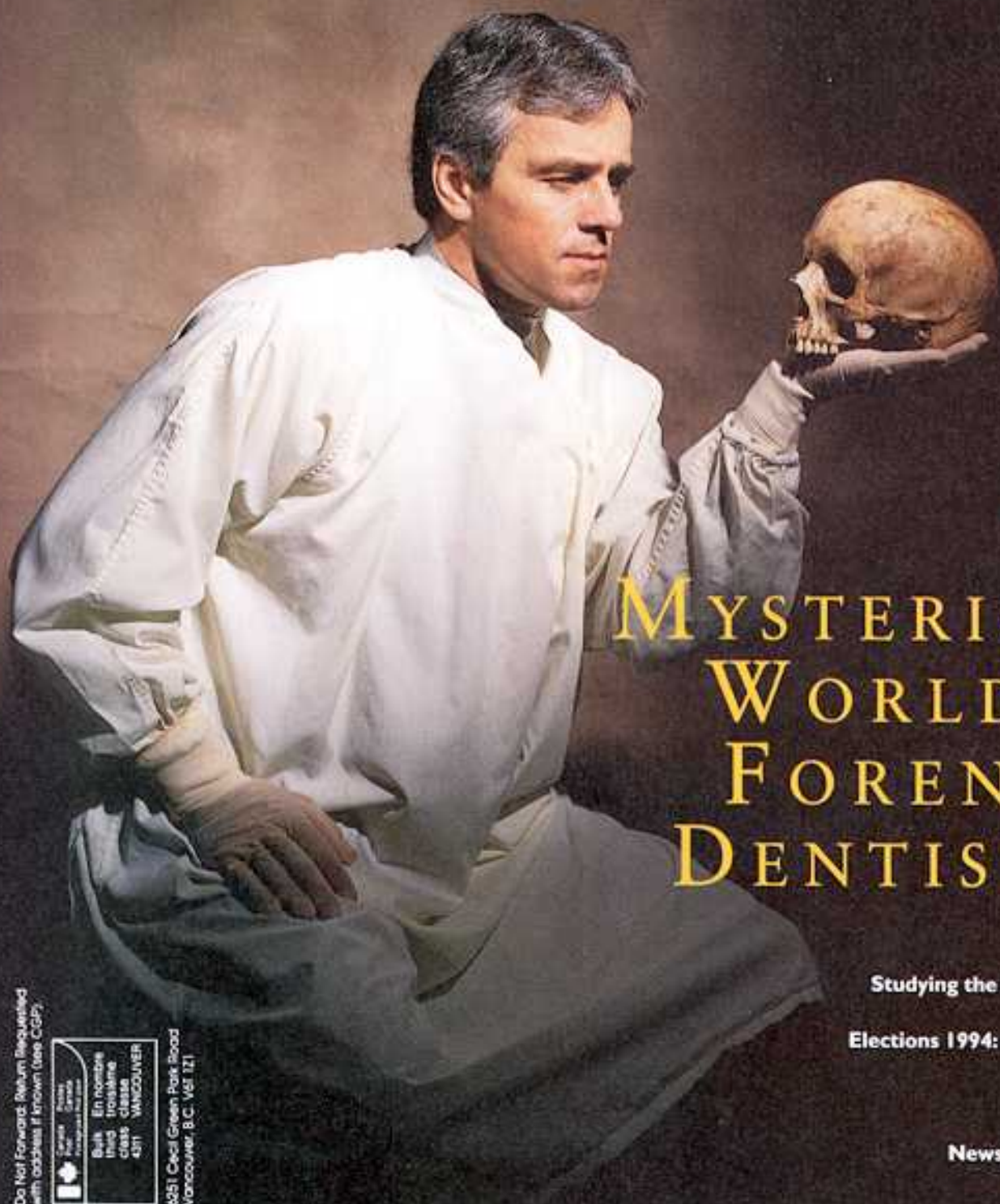




Spring, 1994
Volume 48
Number 1

University of
British Columbia
Alumni

CHRONICLE



The MYSTERIOUS WORLD *of* FORENSIC DENTISTRY

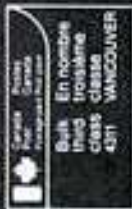
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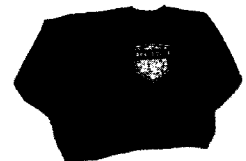
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Volume 48
Number 1
Spring 1994

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Cover

Contemplating a life. As one of Canada's foremost authorities on forensic dentistry, Dr. David Sweet considers identity, dignity and justice as parts of the job.
Photo by Pat Higinbotham.

The UBC Alumni Chronicle is published 3 times annually by the UBC Alumni Association, 6251 Cecil Green Park Road, Vancouver, B.C., V6T 1Z1. It is distributed free to all graduates of UBC. Member, Council for the Advancement and Support of Education

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Rowing Stars Return to Henley
UBC crew members from old and new teams will journey to Henley-on-Thames for the 1994 regatta.

5

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Good-bye Deborah, Hello Agnes
Deborah goes to Crofton House; Agnes pulls up the big chair.

**The Fraser Basin:
Sustaining Life in a Busy Waterway**
UBC's Westwater Research Centre explores ways for communities to put environmental concerns into practice.

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Forensic Dentistry
According to David Sweet, your teeth make a big impression.

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ALUMNI



Change, Growth and Strength

Most organizations today have become accustomed to operating efficiently in the midst of constant change. The Alumni Association is no exception. This has been a year of great change, and yet we have had one of our most productive years ever.

The most profound change is that Deborah Apps, our Executive

Director since 1987, has left us. She has accepted a new appointment as Director of External Relations at Crofton House School. It is with regret but with sincere congratulations that I wish Deborah the very best in this new position. She steered the Association through some very difficult years with an outstanding combination of resolve, commitment and tact.

One of Deborah's great strengths was her ability to maintain consistency in both the philosophical and service delivery areas, while helping a new president every year articulate his or her particular vision for the Association.



To do that successfully takes a very special person.

We are very fortunate to have Agnes Papke in our organization. As well as being a UBC grad (BSc(Agr)'66), she has served as Associate Executive Director since 1990. She has agreed to take on the ultimate responsibility as our new Executive Director. She has a full understanding of the Association in its dual role as supporter of the university and as provider of service to our membership. We are confident Agnes will continue the work that Deborah Apps has begun, and use her strengths to help the Association grow in new areas. To both Deborah and Agnes, I express my sincere appreciation and best wishes.

Other changes have occurred this past year. We are negotiating our first contract with CUPE local 2905, the same local that represents employees at UBC. Negotiations, especially for first contracts, are complex and time consuming, but we are confident we will come out of the experience as a stronger, more efficient organization.

We established a faculty-based model for delivery of alumni services this year, and while we are still fine-tuning the model, it promises to be most successful. Two years ago, we made a commitment to develop stronger links with the university, and to gear our programs more directly to university needs and goals. Through these and other programs, we have honoured that commitment.

This is my last letter to you as president of the Association. For all the constant change, it has been a year of learning and personal growth. Your new president, Debra Browning, inherits an Association that will continue to transform. I wish her the best of luck in what promises to be an exciting year.

I would like to express my deepest thanks to the other members of the Board of Directors for their support and their hard work over the past year. My thanks go, too, to the Association staff. They have worked hard and long to deliver the best services to you.

Jim Stich, President, UBC Alumni Association

Branches

In January, Commerce dean Michael Goldberg travelled to Singapore, Hong Kong and Taipei and renewed old friendships with branch representatives **Tan Yam Pin** MBA'65, **Wilson Wong** BSc(Pharm)'72 and past president of the Hong Kong Branch, **Anthony Cheng** MD'67

As *The Chronicle* goes to press, events are planned for Kamloops, Kelowna and Florida. On February 22, alumni meet with Chancellor Bob Lee, and President David Strangway at a reception at the Coast Capri Hotel in Kelowna. The reception concludes a solid day of activities in the community, including a visit with local high school students, a session on a local radio phone-in show and a luncheon with community leaders. A panel discussion on an educational theme ends the evening.

On February 23, there will be a reception at the Stockman's Hotel in Kamloops. Bob Lee and David Strangway will again meet informally with alumni to discuss university and post secondary issues

and to answer questions from the guests.

On February 26, Strangway turns south and east to attend the 3rd Annual Canadian University Alumni Dinner held at the Westin Hotel in Fort Lauderdale. The UBC Alumni Association is co-sponsoring a pre-dinner reception for alumni to meet with Dr. Strangway. The evening is coordinated by R. J. Simms and the Canadian American Business Alliance of South Florida. The alumni office assisted by notifying and inviting other Canadian universities to participate.

Coming Events

March 14: Lunch with alumni in Campbell River, Dr. Strangway attending, followed by a reception in Nanaimo that same evening. Invitations will be mailed to alumni in those centres.

March 15: Victoria. A reception for alumni and friends at the Ocean Pointe Inn followed by a dinner with government representatives.

For information please call the alumni office at 822-3313.



G.E. (Ted) Baynes BAsr'33, a past president of the Alumni Association, is shown with his granddaughter Anna Helmer, a UBC student on her way to completing a BA in English literature. His Big Block sweater was earned 61 years ago in rugby; hers as a goal keeper with the UBC field hockey team in 1993.

April 30: The All Canadian University Dinner in Washington, D.C. will be held at the Holiday Inn, Bethesda. Cost for reception and dinner is \$30 per person. The University of Western Ontario is the host university for the event, and their president, George Pederson (former president of UBC) will be the guest speaker. For information contact (in Washington) C. Anne Harvey (202) 296-1868 (h) or 434-2005 (o).

May 6: The 8th Annual All Canadian University Event in Chicago will be hosted by the University of Waterloo at the Arts Club of Chicago with guest speaker James Downey, President of UW. Please RSVP by April 22 to (708) 256-4422. \$40/person.

July 1 and 2: London UK. It's that delightful time again when UBC alumni descend on BC House to renew friendships with **Mark Rose** BSc(Agr)'47, BC's Agent General and host to our alumni. The reception will be held on Canada Day in the early evening with David Strangway in attendance, plus the UBC Rowing Team (8s) that competed at Henley in 1955, and representatives of UBC's Athletic Department. On the following day, an event is planned for alumni at the Henley Regatta. UBC Alumni living in the UK can expect an invitation to the festivities in early June.

Divisions

Alpha Delta Pi: Thank you to all those alumnae and active members of Alpha Delta Pi who attended our Christmas luncheon in December! Many "recently found" alumnae came out to Cecil Green and everyone had a wonderful time! It appears that this luncheon will be an annual event, too. If you are not on our mailing list, please contact **Ann McCutcheon** BA'91, Alumnae President, at (604) 669-3725 and become involved.

Alpha Omicron Pi: This division has had a busy year with its Annual Rose Tea and Founders' Day celebrations. We also held a dinner and dance at the Hotel Vancouver's Rooftop Restaurant and our annual fashion show to raise money for Arthritis Research. For more information call **Marjorie Stevens** BA'82 at 879-0255. Roses to everyone!

Commerce: All Commerce grads, including BCom, MBA, MSc and PhD graduates and their guests, are invited to the Commerce Alumni Division's Annual General Meeting and Dinner, June 16, 1994 at the Hyatt Regency Hotel in Vancouver. As well as finding out what's new with the division, the evening will be a great opportunity to get together with your old classmates and to meet the graduates from the class of 1994. >

GRADS GET ORDER OF CANADA

On Friday, January 7, 1994, Canada's Governor-General honoured 80 Canadians with Order of Canada appointments. Five of those were UBC grads. They are: **William Barton** BA'40, retired ambassador to the UN; **Arthur Fouks** BA'40, prominent Vancouver lawyer and former member of UBC's BOG; **Joseph Gardner** Arts'40, dean emeritus, Forestry, Fellow of the International Academy of Sciences; **Phil Nimmons** Arts'44, composer and professor emeritus in music, U of T; **William Miller** Arts'65, artistic managing director of Vancouver's Arts Club.

Rowing Stars Return to Henley

—Tour Planned to Famed United Kingdom Regatta Site

In Vancouver sports history, 1954 was a banner year: Roger Bannister thrilled the crowd at Empire Stadium by edging John Landy in the Miracle Mile. Unfortunately, the drama of that event overshadowed another amazing gold medal performance by a group of local athletes.

According to the official history of the Fifth British Empire and Commonwealth Games, the defeat of a British Crew in rowing on the Vedder Canal "was the biggest upset of the 1954 games ... the crowd was literally stunned by the fantastic victory and was limp from excitement."

Led by UBC and Vancouver Rowing Club coach Frank Read, "a crew of green kids from UBC" finished the 2000 metre course two and a half lengths ahead of England's heavily-favoured Thames Rowing Club before a crowd of 12,000.

A year later the crew (Glen Smith, Mike Harris, Tom Toynbee, Douglas McDonald, Laurie West, Herman Zloklikovits, Ken Drummond, Bob Wilson and new coxswain Carl Ogawaw and spares Bill Hughes and Phil Kueber) went to England to compete for the first time in the Royal Henley Regatta. They beat a powerful Russian crew, but finished second to the U of Pennsylvania in the "Grand Challenge Cup."

Henley is again on the minds of UBC rowers, who are currently vying for a spot in the boat which will be entered in the 1994 regatta at Henley July 1-3. In addition, members of that mid '50s star team will be in attendance to bring back old memories and meet with grads in the UK. Alumni in the UK can obtain more information by phoning BC House at 071-930-6857, or FAX 071-930-2012. *Don Wells*

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Universities as Agents of Change

A popular conception sees today's university as an ivory tower, withdrawn from the real world, encumbered by the values and traditions of another era, resistant to change. Professors are steeped in musty ideas, departments are mired in politics, and students, lost in a bureaucracy they can't begin to fathom, are processed out like cookies from a cookie factory.



The truth bears no similarity to that image.

Since the end of World War II, UBC has been on a course of consistent adaptation and change. And in the current period, the rate of change has been remarkable. Some facts:

- In the last seven years we have achieved a one-third renewal rate in our faculty. That means 5 to 6% percent of our faculty, every year, are new to UBC. They bring new ideas, new research and attract new funding. Our renewal rate is one of the best in the country.
- In 1975, our general purpose operating budget was \$90 million. Last year, that budget was \$350 million, and our total expenditures reached \$700 million. By any measure, that means dynamic growth.
- Our recently completed fundraising campaign generated more than \$250 million in new money for UBC. This translates into many new buildings and facilities, and scores of new chairs, scholarships, bursaries and learning centres. The campaign has created unprecedented opportunities for UBC. As an example, our Institute of Asian Research has drawn interest from universities, academics, business people and governments around the world. The best researchers and teachers are clamouring to join us because of UBC's reputation as a world leader in Asian studies.
- UBC's mandate to be an all-things-to-all-people university has changed. Our mission statement in 1989, which was approved by UBC's Board and Senate, states that UBC aims to become "a world renowned institution of higher learning and research." Our research grant income has increased from \$80 million in 1985 to \$120 million in 1993. We expect to reach \$150 million by 2000. These totals (which place us among the top three universities in Canada for research grant income) mean that our research is ground-breaking. As an indicator of this, UBC is the number one university in Canada in patent disclosures, and number 13 in North America. An impressive accomplishment.

The result of these and other developments is that UBC is in a constant state of change. This doesn't just mean that we adapt to change. It means we actively cultivate it. Because of that, UBC is a key element in driving change and growth in the BC economy. Our people are in the forefront of virtually every business and cultural initiative in this province, from developing new environmental technologies to forging cultural and business connections with emerging Asian countries.

In this way, UBC and other universities are not only changing themselves, but are the principle agents of change in our society. And that, after all, is the purpose of a university.

At UBC, it's part of our tradition.

David Strangway, President, UBC

Our keynote speaker will be **Bill Dalton** BCom'71, president and CEO of the Hongkong Bank of Canada. Please RSVP to Marlene King by phone (822-8923) or FAX (822-8928) by June 10.

Engineering: 1994 is the 75th anniversary of the Cheez Factory. The Cheez has seen a variety of uses and abuses in the past but this spring it will fall into the hands of renovators who will transform it into a more functional EUS and alumni meeting place. The students, the Faculty of Engineering and the alumni division are sponsoring the renovation so the undergraduates will be assured of this space in the future.

The alumni division is becoming involved with undergrad design contests. We are anxious to help students with funding, technical assistance and materials. Several alumni participated in this year's Ball Model judging.

Two important dates: July 8 for the annual **Engineering Alumni BBQ**; and October 13 for **Old Red New Red**. Both events will be held at Cecil Green Park. This is the 10 year reunion of the 1984 class and preparations are underway by class reps. For more info, contact Doug Whitaric at 986-0233 or FAX 986-8583.

Kappa Sigma: On Sunday, January 30, the brothers, both undergraduate and alumni, of Kappa Sigma gathered at Cecil Green Park for Founders' Day. Over fifty brothers attended, some coming in from Ottawa and Winnipeg, spanning the entire history of the chapter from 1941 to the present. Guests of honour included the founding Grand Master, Hon. **A. Stewart McMorrin** BA'41 (retired chief justice) and Worthy Grand Master of Ceremonies Jim T. Brown, who was on tour of the Kappa Sigma chapters in the Pacific Northwest. All agreed the Founders' Day Lunch was a good thing and are waiting for the golf tournament later in the spring. Congratulations to **Victor Pinchin** BSA'44 who celebrated his 50th wedding anniversary on February 4. On a sadder note, brother **Irvine Gear** BA'48, MEd'65 entered the chapter celestial on January 24, 1994.

Medicine: On May 27, UBC will mark the 40th anniversary of the Faculty of Medicine's first graduating class. **John Adrian** MD'54, the first graduate, will be on hand to pass out alumni pins to the new MDs at the convocation.

The Mentor Program was established in 1990 and its goal is to link medical students with members of

The 1994 UBC Alumni Association Annual General Meeting

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September 22, 1994

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Plan To Attend!

the medical profession. Mentors in the program are MDs and/or basic sciences faculty who live in the greater Vancouver area. Students come from all four years of undergraduate medicine. For information, please contact: Neil Parker at the Dean's Office, (604) 822-2422.

The Medical Outreach Elective program (MORE) stimulates interest in international health and provides student physicians with an experience in a foreign medical system. The MORE program provides administrative, educational and financial support to colleagues wishing to complete an academic elective period in a developing na-

tion. The program is open to 4th year medical students who will be an asset to the host hospital, the supervising physician and the host community. Call Drew Digney, MORE, at (604) 875-4500.

Nursing: The Annual Nursing Alumni Dinner will be held May 12 at the Delta Pacific Resort and Conference Centre (home of Suehiro's Restaurant).

This event will be co-sponsored by the School and is part of our 75th anniversary celebrations. Guest speakers will be Glennis Zilm and Ethel Warbinek who have just completed a book on the history of the school. ➤

YAC UPDATE

Our New Year's Eve event was a smashing success! We sold out and 150 alumni attended this celebration at Cecil Green Park.

We had such a fabulous "Freddy Wood Theatre Night" in November 1993 that we're going to do it again! Our next theatre evening is Thursday, March 17, 1994, St. Patrick's Day. Guess what our theme will be? For tickets, please call us at the UBC Alumni Association (822-8917) or send in the form below.

We are also planning a four day trip in the summer (July 29 - August 1) to a dude ranch (and white water rafting), sports nights and professional development workshops. If you want more details about these events, fill in the form below and mail/FAX it to us.

Yes, I'm interested in YAC!

- Add me to the YAC mailing list.
- I want more information about YAC. Please phone me.
- I have some ideas to share. Please phone me.

Name: _____

Degree: _____ Year: _____

Address: _____

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Phone: (h) _____ (o) _____

Return to: UBC Alumni Association
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Future events include: Homecoming Brunch, September 25, speaker and place to be announced; Potluck Dinner and Marion Woodward Lecture, October 20, dinner 6 pm, lecture 8 pm, speaker to be announced.

If you've changed your name or address, or know of some who have, send update to: **Ann-Shirley Goodell** BSN'60, 3254 Archibald Way, Whistler, BC, V9N 1B3.

Social Work: This division and the School's Students' Association are looking for volunteers to speak about careers in social work during lunch times in the school lounge.

If you have time to give, call **John Richmond** BSW'92, Social Work Alumni pres. at 253-4401.

Vancouver Alumnae Panhellenic Association: If you have lost contact with your sorority's alumnae (Alpha Delta Pi, Alpha Gamma Delta, Alpha Omicron Pi, Alpha Phi, Gamma Phi Beta, Delta Gamma, Delta Phi Epsilon, Kappa Kappa Gamma), the Vancouver Panhellenic Association may be able to help! Write to **Ann McCutcheon** BA'91, VAPA president, at #1005 - 1111 Barclay Street, Vancouver, BC, V6E 1G9 and your name can be forwarded to your appropriate representative. ☺

COMING REUNIONS

The following reunions have been scheduled, and many others are in the works. If you want more information on those listed here or on those being developed, call our reunion coordinator at 822-8917.

Class of '44	August 15 & 16
'54 Medicine	May 31-June 2
'59 Medicine	September 8-11
'64 Medicine	September 2-5
'64 Nursing	June 18-19
'69 Law	June 11-12
'69 Medicine	June 24-26
'69 Electrical Engineers	July 1 & 2
'69 Civil Engineers	June 17
'69 Mechanical Engineering	March 4 & 5
'73 Civil Engineers	August 6
'73 Mining Engineers	August 5 & 6
'73 Medicine	May 27-29
'74 Dentistry	October 7
'84 Law	June 24
'84 Mechanical Engineering	September 17

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We've Changed...

Cecil Green Park isn't the laid back place it used to be. A new department, the University Ceremonies Office, has moved in to share our space, and analogies of sardines in tins wouldn't be out of place. But it's exciting to have the new faces and the new energy. Our services to you won't get crowded out—we're working, as always, to improve them.

To be sure, we want to make it easy to get in touch with us. All our staff is dedicated to keeping you involved with the university and the Association. Here's a list of Association people you might want to contact about services.

Agnes Papke , Executive Director	822-8915
Mary Scott Molson , Admin. Assistant	822-9565
Oiyee Kwan , Financial Manager	822-8919
Chris Petty , Chronicle Editor	822-8914
Charlotte Baynes , Reunions Coordinator	822-8917
Fyfe Brown , Alumni/Faculty Coord.	822-8918
Marlene King , Alumni/Faculty Coord.	822-8923
Robert Marsden , Programs Secretary	822-8643
Dale Fuller , Communications Assistant	822-8913
Margot Dear , Marketing/Travel	822-9629
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Agnes Appointed Executive Director

Agnes Papke, BSc(Agr'66), has been appointed Executive Director of the UBC Alumni Association.

Agnes may be familiar to grads and former volunteers as the program coordinator for agriculture alumni programs. She started in that capacity in 1986, but soon took on more responsibilities. By 1990, her ability and efficiency earned her an appointment as Associate Executive Director in charge of managing all division, awards and branch programs. She has become an essential part of the Association management team.

Agnes brings a high level of enthusiasm and experience to her new position. She is committed to improving the performance of all alumni programs in the most effective way and to delivering first-class service to members and value to the university.

Staff and volunteers welcome Agnes as the new Executive Director, and wish her well.



So Long, Deborah

After seven 7 years as Executive Director, Deborah Apps has left the Alumni Association to take on new challenges. She has accepted an appointment as Director of External Relations at Crofton House School in Vancouver.

Deborah began her tenure here during a time when the role of the Association was being scrutinized by volunteers and university administrators alike. With the beginning of the World of Opportunity Campaign, the Association needed to reassess its services to members and its connection to the university. During that period, some members felt the Association should maintain its traditional role, serving its members and keeping the university at arm's length. Others felt the Association had to enter the modern period and become more in tune with the developmental goals of the university, and gear its services more directly to university needs.

Deborah became a master of diplomacy, expertly balancing the needs of volunteers and members with those of the university. While it seemed, at times, that there was no possible way to please either end of the scale, Deborah managed to maintain a strong Association within a cooperative university environment. Her legacy to the Association and the university is a framework of strong program development and a willingness to change.

She put an indelible stamp on the Association, and she will be missed by her team.



Athletics

- ★ Women's basketball coach and 1991 CIAU Coach of the Year Donna Baydock has announced her resignation after seven successful seasons at the helm of the T-Birds.
- ★ UBC's men's cross country team and women's soccer team both won CIAU Championships last fall.
- ★ The Thunderbird men's soccer team narrowly missed claiming their fifth consecutive national title after losing to Sherbrooke in the final on penalty kicks.
- ★ UBC rowing coaches will soon be selecting the crew to again represent the university at the Royal Henley Regatta at Henley-on-Thames July 1-3.
- ★ All alumni members are invited to attend the Big Block Club's Award and Reunion Banquet which will be held Thursday, March 24 at the Hyatt Hotel beginning with a pre-dinner reception from 6:00-7:30 pm. For more information contact Buzz Moore at 822-6632 or June Carlyle at 822-8205.

Graduate Studies

In April 1991, Peter Wall announced a \$15 million donation to endow an **Institute of Advanced Studies**. This is the largest single gift to the World of Opportunity Campaign, and will provide a minimum annual cash flow of \$1 million (in 1991 dollars). This money will be used for operating expenses only, not "bricks and mortar."

Because Grad Studies bridges faculties and encourages interdisciplinary endeavours, the new Institute will report to the Dean of Graduate Studies.

The Institute will organize research on interdisciplinary themes, approximately one per year, and will bring together faculty and graduate students from UBC and elsewhere to address topics of the day. These themes will be chosen for originality, topicality and potential impact. Each will have a three or four year cycle: detailed planning; intense research activity (accounting for 80% of the budget); and a wind-down period to prepare reports

and publications.

The Institute will also appoint a Distinguished Professor who will be a recognized intellectual leader with broad interests, creative energy and interdisciplinary experience. The Institute will also sponsor lectures, conferences and other events to the campus and the community.

Given its interdisciplinary focus, the Institute will be associated with Green College, which is expected to house its administrative offices and host many of the Institute's ancillary activities. The Institute is expected to be operational by April 1, 1996.

Arts

Faced with mounting pressure to deal with violent offenders, the criminal justice system is seeking expert advice. One concern is high-risk parole petitioners. Many jurisdictions in Canada and abroad are turning to UBC psychology professor Robert Hare for the answer.

Hare was educated at the University of Alberta and at Western Ontario. He is known in Canada, the US and overseas for his development of the Psychopathy Checklist, an effective predictor of violent behaviour.

His quarter century of research has provided the basis for a book, published in 1993, called *Without Conscience: The Disturbing World of the Psychopaths Among Us*. "Their hallmark," he writes, "is a stunning lack conscience; their game is self-gratification at the other person's expense." Psychopaths are not only found in prisons. Parents, children, spouses, lovers, co-workers and unlucky victims everywhere must cope with the personal chaos and confusion psychopaths cause, and understand what drives them.

Hare has also developed a program for high-risk offenders. Some of these, he thinks, are not reformable and are not likely to benefit from existing rehabilitation programs. Evidence shows that psychopaths use what they learn from such programs to increase their manipulating skills. But a program that tightly controls

the subject and hands out swift punishment for transgressions could work for some. A targeted rehabilitation program, he thinks, is worth considering as even a small success rate could have big dividends.

Professor Hare's program has been supported by the Medical Research Council, the BC Health Research Foundation and others, but he is frustrated by inadequate funding. His work to unravel the mystery of the psychopath is set back and promising graduate students, whose contributions to the work are essential, are not recruited. The disorder "is responsible for far more social distress and disruption than all other psychiatric disorders combined." But, he observes, little systemic research has been devoted to it.

LAW

The School has set up a Career Placement Office, directed by Bob Reid, Assistant Dean of Admissions and Career Placement. The office will help UBC law students and grads in planning their careers and finding articles, clerkships and permanent and part-time employment. This is a difficult time for students seeking employment, so the office will play an important role. The office works with the Law Students' Association Articling Committee and the Vancouver Bar Association in administering the law firm articling process in Vancouver, and provides information on other law-related opportunities. Information is available on provincial bar qualifications, judicial clerkships, governmental departments and programs, graduate programs and fellowships, public interest employers and in-house counsel employment opportunities. Law students across Canada have access to the information the office provides, a practice which, unfortunately, all other schools do not follow. Anybody wishing to provide information to the Career Placement Office or to seek information should contact Bob Reid at 822-3417 (telephone) or 822-8108 (FAX).

Forestry

The faculty has recently received funding for a First Nations Forest Resources Management Coordinator. This is the first such position in Canada and probably only the second in North America. The position was developed by the faculty and the First Nations House of Learning, with funding from the Vancouver Foundation and the BC Ministry of Forests for a three year period. The coordinator will develop and implement a program of awareness and recruitment designed to help First Nations students enter forestry programs at UBC and at other post-secondary education institutions in BC. Five years ago, there were no First Nations students enrolled in the faculty, although Dave Walkem, currently Chief of the Cook's Ferry Band near Merritt, graduated in 1979. This year, four First Nations students are enrolled in the Forest Resources Management degree program and one is enrolled in the Natural Resources Conservation program. This new position will assist interested students in preparing for and entering natural resource management.

The position is now advertised, and applications will be accepted up to March 15, 1994. For more inf, please contact Donna Goss, Coordinator of Student Services at the Faculty of Forestry at (604) 822-2727.

Commerce

In December, the faculty hosted 15 executives from the Shanghai and Pudong areas on our SJTU-UBC Executive Training program. This is the seventh Chinese executive training program the faculty has run in the last several years with the support of CIDA, the UN and in partnership with Shanghai Jiao Tong University (SJTU) and the Chinese Ministry of Foreign Trade and Economic Cooperation. The executives attended classes on international finance, strategy, marketing, trade agreement and other topics. The program includes visits to Canadian companies and meetings with members of the BC business community. Dean Goldberg was recently in Asia and met with 150 executive alumni of these programs.

Students have also been busy promoting awareness of Asia Pacific business opportunities. The Commerce Undergraduate Society and the Commerce Graduate Society joined forces in organizing an international business conference: "Bridging the Pacific," held January 14 and 15, at the Waterfront Hotel. Speakers included Bill Dalton, president and CEO, Hongkong Bank of Canada; Howard Ballock, Assistant Deputy Minister, Asia & Pacific External Affairs & International Trade; Bill Saywell, president and CEO, Asia Pacific Foundation; Maureen Sabia, chairperson, Export Development Corporation; Mark Fruin, director, Institution of Asian Research, UBC and Maurice Levi, professor of international finance, UBC. More than 120 students attended including participants from Western, McGill and the University of Alberta. There were also a number of business and faculty participants.

Preparations are well underway for the Program for Executive Development offered in May. This is the seventh of the three-week residential programs aimed at mid to senior managers.

The program covers topics in labour-management relations, finance, multinational trade, entrepreneurship, strategic management and organizational life, and draws participants from many business and government sectors.

Dentistry

Members of the UBC Dental Alumni Division will remember Alan "Sedgewick" Richardson. After 25 years of service to the faculty and university "Big Al" has taken early retirement and left the faculty at the end of December.

Dr. Richardson was appointed in 1968 by Trevor Harrop and the founding dean, Wah Leung. He progressed through the ranks to professor and served the faculty in a variety of positions including acting department head and clinic director. We are very pleased that Al will continue to be active in the Admissions Committee process this year. A dedicated teacher, he always had time for students and contributed greatly to the development of the academic and clinical programs.

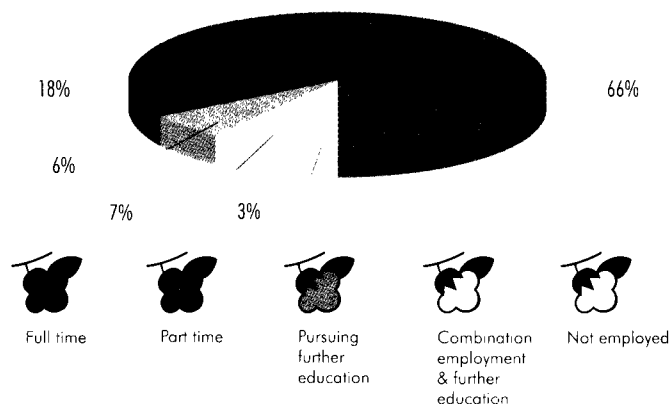
Always a friend of and advocate for the students and resident jokester, he will be remembered for a number of things, not the least of which was surprising unsuspecting clinic paediatric patients, staff and students in his annual Hallowe'en garb. On occasion a gorilla has been known to stalk the halls of the Macdonald Building.

Dr. Richardson will continue to live in Tsawwassen, enjoy being a grandfather and at last report, two weeks into retirement, he has barely been off the golf course. We wish him well, we shall miss him and there is no doubt that there will never be another like "ASR!"

Grads will also remember fondly Muriel Dyson (dean's office) and Betty Leung (oral surgery). They are both taking early retirement, having been with the faculty for more than 20 years. Over the years they have been hard working and committed staff members who have assisted in a variety of important ways for faculty and students. Again, being

Please see page 21 >

Current Employment Status of Recent Faculty Graduates



AGRICULTURAL SCIENCES

The faculty recently surveyed BSc(Agr) graduates from 1988, 1990 and 1992 to find out what they did after getting their degree, the types of jobs they've had, how difficult it was to get a career position and the relevance of their undergraduate education.

Questionnaire responses were kept anonymous: an effective return rate of almost 70% made the results fairly reliable. The relative proportion of responses based on gender and major/area specialty are representative for these years, with no differences in results between the three graduating years.

Fewer than 3% of grads are unemployed although some are still pursuing further education. There is no apparent gender difference in employment status, but there is a significant variation among majors. Fewer animal science graduates are employed full-time; many of them are favouring further education, some at the Western College of Veterinary Medicine.

For those who hold or have held jobs that relate to their long term career goals, 53% were hired by a private firm, 22% by federal or provincial agencies and by 19% by educational institutions. Most found this first career position within a month. Previous surveys of earlier graduates found more employed by government, fewer in private industry.

Almost half of these recent graduates started their careers at a technical level, although this varied considerably depending on area of specialty. Of those with career positions, 85% indicate that the position is related to their degree, which is generally relevant to their work.

Those who have held more than one position provided information on their current position as well as their first job. A shift to more diverse jobs, fewer technical jobs and more management positions is evident in these cases. These included such positions as teacher, insurance adjuster extension agent, sales manager, horticulturalist, researcher, regulatory program developer, environmental consultant, commodity trader, market analyst, government inspector, lawyer, agricultural credit manager, breed development coordinator, international development consultant, quality control technician and others. However, 76% still say that their current position is related to their undergraduate degree.

Most graduates remain in BC but a greater number than ever are deployed internationally. For example, replies came in from a project administrator with a relief organization in Malawi, and from a food scientist in Hong Kong. Moreover, faculty graduates are increasingly working in positions related to resource management, the environment and sustainable development.

Elections

Association Members:

There are three Members-at-Large positions to be filled on the Alumni Association Board of Directors. The Treasurer and Senior Vice President positions have been filled by acclamation. Six candidates are contesting the three Members-at-Large positions.

Vote and Mail Today

Please vote according to the directions below. The results of the election will be announced **September 22** at the Alumni Association Annual General Meeting and will be available by **April 19, 1994**.

Grace Wong

Chief Electoral Officer

Tricia Smith

Assistant Electoral Officer

Your Vote Counts

The Association is managed by the Board of Directors. UBC graduates help set the direction of the Association by annually electing its officers. The Senior Vice President automatically becomes President the following year. The Treasurer is elected for a one-year term, and Members-at-Large are elected for two years.

The Board of Directors Nominating Committee ensures a full slate of candidates. In selecting nominees, we search for people who will bring a broad range of experience and new perspectives to the Association.

The Association appreciates the commitment all these candidates make to the university and its graduates by offering to stand for election. Please mail your ballot today.

Debra Browning

Chair, Nominating Committee

Voting Instructions

All graduates of UBC (including graduates of Victoria College) may vote. There are six candidates for Members-at-Large positions. Their names are listed on the ballot on page 16. Vote for **three** of the six candidates. A ballot and a spouse ballot are provided. The spouse ballot is for use when partners, both eligible to vote, receive a single copy of *The Chronicle*.

Please see page 14

Officers 1994-1995



President
Debra Browning
LLB '80

Alumni Activities: Senior Vice President 1993-94; Member, Senior Executive and Finance Committee; Co-chair, Long Range Planning Committee and Transitional Planning Committee; Member, Alumni Chancellor Search Committee 1992.

University Activities: Adjunct Professor, UBC Faculty of Law-Case Corporation Seminar 1985-88.

Community Service: Board of Directors, Canadian Club of Vancouver; Vancouver Bar Association Executive Committee Board 1990-92; Sunny Hill Hospital for Children, Chair, Lights of Joy Campaign 1989.

Occupation: Partner, Ladner Downs, Barristers & Solicitors.



Senior Vice President
Al Poettcker
B Com '69

Alumni Activities: Vice president
University Activities: Lecturer in the Faculty of Commerce RIBC Diploma Program; frequent speaker in

Faculty of Commerce seminars; Board of the UBC Real Estate Corporation; Dean's Advisory Committee in the Faculty of Commerce.

Occupation: Real Estate Developer



Treasurer
Dickson Wong
B Com '88

Alumni Activities: Treasurer 1993-94

Community Service: Active in SUCCESS, a charitable organization in Vancouver; Member, Canadian Tax Foundation (CTF).

Occupation: Tax accountant, Ernst & Young.



Past President
Jim Stich
BSc '71, DMD '75

Alumni Activities: President 1993-94; Sr. Vice President 1992-93; Board of Management 1989-90; Chair, Divisions Council 1989-90; Co-Chair 75th Great Trekker Gala Dinner; Dean's-President's Committee on Future of Dentistry in BC 1986-87; President, Dental Alumni 1987-89.

Occupation: Dentist.

Six Candidates for Members-at-Large: Three to be Elected

1994-1996



Chris Bendl
BSc '91

Alumni Activities: Founding member of Young Alumni Connections; Speaker at Beyond the BSc 1994.

University Activities: Shad Valley UBC professor 1991-94; UBC Recreation Facility Development Cttee. 1988-1991.

Community Activities: Volunteer Endeavour Auction Society; Vancouver Art Gallery Young Associates; Volunteer with several election campaigns.

Occupation: Broker/Analyst, Georgia Pacific Securities Corp.

Statement: My experience as a student was very positive, and soon after graduating I became involved in the Association. This gave me an understanding of its structure and an appreciation for its programs and services. I support the Association's friend-raising mandate, and I feel it is important to involve my fellow recent grads, assuring the future of the Association. If elected I will work to raise awareness of the Association among its members and increase participation in alumni and university events; to strengthen university/alumni business ties to increase UBC's community profile; to establish a list of benefits and services that would enable alumni to utilize campus facilities; to foster a sense of pride in UBC and make returning alumni feel welcome; to work with the university and the AMS to build school spirit; and encourage the establishment of traditions and a sense of belonging, particularly through an enhanced Homecoming.



Pamela M. (Croll) Friedrich
BA'67

Alumni Activities: Member-at-large 1992-94; UBC Homecoming Volunteer 1993.

University Activities: Staff member, UBC Faculty of Medicine, 1971-75, 1986-88.

Community Activities: BCIT Chairperson, Medical Technology Advisory Cttee.

Occupation: Administrative Director, Laboratory; Lions Gate Hospital.

Statement: As a Board member, I had an opportunity to witness the talent and dedication of Association staff and volunteers. The Association has done a remarkable job of keeping graduates informed and connected. It promotes networking between its members, both in the UBC community and around the world. I strongly support the independence of the Association and endeavour to put forward new and exciting ideas to increase its strength, viability and relevance in the 1990s. In providing this vision, I would draw on my past and present experience as a health care manager, a BCIT advisory chairperson and a UBC graduate.



Alvin C. Lee
BA'90

Alumni Activities: Delta Kappa Epsilon, Divisions Cttee. Pacific Rim Club, Divisions Cttee..

University Activities: AIESEC (International Association for Students of Economics and Commerce); Geography Undergraduate Society; Delta Kappa Epsilon Fraternity.

Community Activities: Arts Umbrella; Vancouver Youth Theatre; Taste of the Nation; Trident Enrichment Society; The Pacific Club.

Occupation: Fundraising consultant,

businessman; Wespir Ltd.

Statement: UBC has been a large part of our lives. I spend a lot of time on campus—whether it is to use the libraries or pool, attend Thunderbird football or basketball games, go to meetings or simply walk around. It's fascinating to see all the new buildings and to reminisce about those that are no longer there, like the Bus Stop Cafeteria. We must keep the traditions alive, but we must also look for ways to make the university better. Alumni are an important and often under-utilized resource. As an association, we must not only inform our members about *what* is happening on campus but encourage feedback on ways to *improve* what is happening. UBC alumni are everywhere and in all walks of life. They should be used to market the university as well as to offer commentary on existing programs. The university is not only a place where you spend a few years; you should feel welcome to participate. I would like to work towards making the university part of everyone's community.



Christopher C. LeTourneur
BA'88

Alumni Activities: Board member 1993-94; Chair, Divisions Council/Cttee. 1993-94; Long Range Planning & Transition Cttee. 1993; President (1993-94) and Vice President (1991-93), UBC Geography Alumni Division.

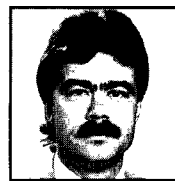
University Activities: Chair, Geography Professional Development Cttee. 1992-93; Co-Chair, Geography Communications and Outreach Cttee. 1991-92.

Community Activities: Secretary (1993-94) and member, Delta Kappa Epsilon Fraternity Alumni; Chair, Arts Umbrella Sandcastle Competition '93 Operations Cttee.; Arts Umbrella Sandcastle Competition '94 Steering Cttee.; Leadership Vancouver (Vancouver Board of Trade) Alumni Relations Cttee. 1994; Strathcona Community Centre Park Planning Cttee.; South Shaughnessy/South Granville RS-1/RS Zoning Review, Kerrisdale Working

Group 1991-92; Forum for Planning Action, Multicultural Awareness Cttee. 1991.

Occupation: Urban planner and design consultant; IBI Group, Architects, Engineers and Planners

Statement: Recently, UBC has experienced many changes in its physical form and administrative focus. As a result, the Association has faced various challenges and has struggled to find a balance between maintaining its independence, while offering the university the support, knowledge and guidance that it has historically provided. In seeking this balance, a critical role of the Association has been to ensure communication between alumni and the university. One of the most effective ways to foster close relationships between these groups has been through the Alumni Association Divisions Program. Divisions are often closely tied to a faculty, school or department and achieve communication through special events, professional development programs and newsletters. They represent many Lower Mainland alumni. I believe divisions are the grass roots of the Association. As a member of the Long Range Planning and Transition Cttee., I had the chance to be part of articulating a vision for the Association in defining its role with the university. Alumni are an important stakeholder at UBC, and I hope to continue my involvement and commitment to the alumni of UBC as a member of the Board of Directors.



Garry Moore
BCom'76, MBA'82

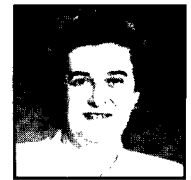
Alumni Activities: Member-at-Large 1992-94; Toronto Branch Coordinator; Chair, Cecil Green Park Development Cttee.

University Activities: Student Affairs Cttee.; AMS External Affairs Officer; member of Senate.

Occupation: Corporate legal; Syscorp Innovations Inc.

Statement: I had the honour of being elected as Member-at-Large of the Alumni Association at a very turbu-

lent period in its history. The university administration had served notice that it was in effect taking over the Association, and relations between the two bodies hit an all-time low. Now, two years later, I am happy to report that much of the tension has eased. The university has recognized the Association's right to exist and the Long Range Planning Cttee. has mapped out a strategy to allow the Association to carry out its activities in support of the university's goals. The two major challenges facing the Association now are 1) successfully implementing the new program delivery model and 2) delivering the programs efficiently as the financial resources of the Association actually shrink. I am asking for your support for a second term as Member-at-Large as I believe that continuity on the Board over this period is important. I am ready to offer my time and energy to help the Association make a smooth transition to its new role.



Louanne Twaites
BSc(Pharm)'53

Alumni Activities: Member-at-Large 1991-93; Pharmacy Division, organizing member, secretary, VP, president and member-at-large, 1984-94; Transition Cttee. 1992-93; Mentor Program; Branches.

Statement: I strongly support the mission statement of our Association and feel that it is important that each member of the Board have a sincere commitment to defining the role and increasing the strength of the organization. I have served since 1991 as a Member-at-Large on the Board of Directors and as the appointed liaison member between the Board and the Divisions Cttee. This experience has given me a firm understanding of the goals and aspirations of our Association. I would feel privileged to have the opportunity to continue to participate on the Board of Directors and to promote the growth of the Alumni Association.

continued from page 12

Identity Certificate

Your ID number, from the magazine mailing label, and your signature must be on the ballot.

To Return Ballot

- Place the completed ballot and identity certificate in a stamped envelope, and mail it to the returning officer at the address below.
- To ensure confidentiality, detach your ballot from the signed and completed ID certificate and seal it in a blank envelope. Place that envelope and the ID certificate in a second envelope, with a stamp, for mailing.
- Mail to: Alumni Returning Officer, P.O. Box 483, 916 W. Broadway, Vancouver, B.C. V5Z 1K7.**
- Ballots received later than noon, **April 29, 1994** will not be counted.

UBC Alumni Association BALLOT 1994

Place an X opposite the candidates of your choice.

VOTE FOR THREE ONLY.

Members-at-large 1994-1996

- Chris Bendl
 Pamela Friedrich
 Alvin Lee
 Chris LeTourneur
 Garry Moore
 Louanne Twaites

Identity Certificate

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

Name (print) _____

ID # _____

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

SIGNATURE _____

UBC Alumni Association SPOUSE BALLOT 1994

Place an X opposite the candidates of your choice.

VOTE FOR THREE ONLY.

Members-at-large 1994-1996

- Chris Bendl
 Pamela Friedrich
 Alvin Lee
 Chris LeTourneur
 Garry Moore
 Louanne Twaites

Identity Certificate

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

Name (print) _____

ID # _____

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

SIGNATURE _____

If desired, items can be picked up at Cecil Green Park. Please phone ahead to ensure that desired items are in stock (822-9629).

ORDER FORM

Denim Bomber Jacket

__sm __med __lrg __xlrge __blue/gold __blk/red

Oxford Dress Shirt/Denim Dress Shirt

__sm __med __lrg __xlrge __oxford blue __denim

Baseball Jersey (available this issue only)

__sm __med __lrg __xlrge White only

Trapunto Sweatshirt 80/20 cotton/poly

__sm __med __lrg __xlrge

__blk white __navy __green

Eco Fiber Trapunto Sweatshirt 100% recycled cotton

__sm __med __lrg __xlrge Natural only

Baseball Cap One size fits all

__blue __purple __red __grey

Eco Fiber Baseball Cap One size fits all Natural only

Watch __men's __women's

Diploma Frame (State year of graduation)

Keychain

Additional Customized Embroidery State wording:

eg: Faculty of Commerce, MBA, etc.

	PRICE	QTY	SUBTOTAL
Denim Bomber Jacket	\$159.95		
Oxford Dress Shirt/Denim Dress Shirt	64.95		
Baseball Jersey (available this issue only)	69.95		
Trapunto Sweatshirt 80/20 cotton/poly	59.95		
Eco Fiber Trapunto Sweatshirt 100% recycled cotton	64.95		
Baseball Cap One size fits all	24.95		
Eco Fiber Baseball Cap One size fits all Natural only	29.95		
Watch __men's __women's	289.95		
Diploma Frame (State year of graduation)	54.95		
Keychain	9.95		
Additional Customized Embroidery State wording:	10.00		

Shipping and handling \$5.00

Add 7% GST

BC residents must add 7% PST

TOTAL ENCLOSED

Name _____
 Address _____
 City _____ Province/State _____
 Postal/Zip Code _____ Telephone:(H) _____ (O) _____
 Enclosed is: cheque Visa money order M/Card

Signature _____
 Card # _____ Expiry Date _____

Allow 3-4 weeks for delivery. Make cheque or money order payable to the **UBC Alumni Association**. Mail to: The UBC Alumni Association, 6251 Cecil Green Park Rd., Vancouver, BC V6T 1Z1.

TRAVEL 1994

DANUBE CANAL

May 7-20

MARCO POLO

May 12-27

GREEK ISLES

June 15-27

JOURNEY OF THE CZARS

June 21-July 4

ROUTE OF THE VIKINGS

July 11-25

DANUBE RIVER

ADVENTURE

August 1-13

ITALIAN HISTORIC CITIES

AND COUNTRYSIDES

Sept. 7-18

CHINA/YANGTZE RIVER

Sept. 16-Oct. 2

COSTA RICA'S

NATIONAL PARKS

& THE PANAMA CANAL

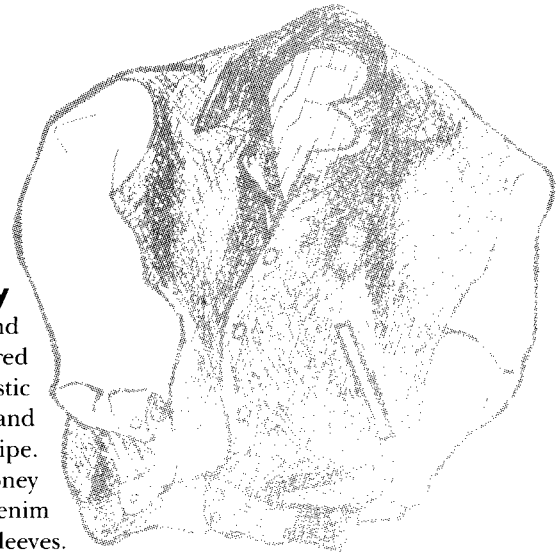
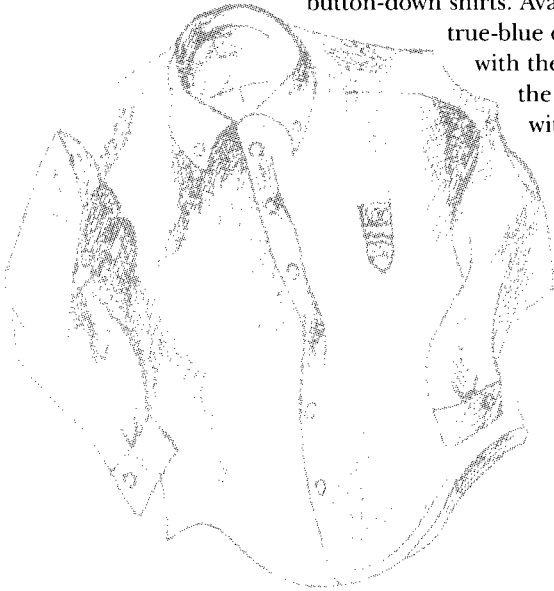
November

For more information, please call
 Margot Dear at 822-9629

What to Wear After School

Dress to Impress

Dress up or down with these button-down shirts. Available in true-blue oxford or blue denim with the alumni logo embroidered on the left chest. Why not customize it with your faculty and year on the cuff?

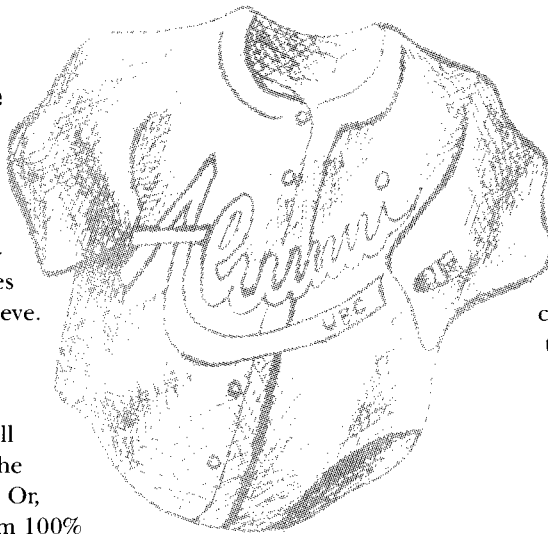


Bombs Away

Be seen (and be cool) around town in this custom embroidered alumni denim bomber jacket. Elastic waistband, drop sleeve, snap front and fully lined with 100% cotton pinstripe. Available in blue denim with honey denim sleeves or in black denim with red denim sleeves.

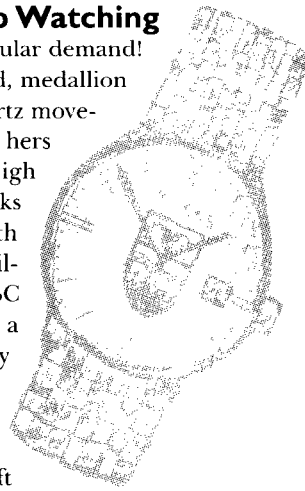
Take Me Out to the Ball Game

Available only this spring (just in time for spring training) is the alumni old-fashioned-style baseball jersey. Made of 100% cotton with button front. "Alumni" in script is applied across the front with UBC embroidered in the tail of the applique. Also includes alumni logo embroidered on the left sleeve.



Keep Watching

Back by popular demand! Triple stamped, medallion faced, Swiss quartz movement his and hers watches. High quality Birks timepieces with the fine detailing of the UBC crest. Comes with a two year warranty and deluxe packaging, perfect for graduate gift giving.



Top it Off

Crown yourself with a colourful alumni baseball cap. Black with alumni logo embroidered on the front with your choice of coloured suede brim. Or, choose the alumni ECO FIBER cap. Made from 100% recycled cotton, in natural only. Why not customize the cap with your grad year and faculty on the back?

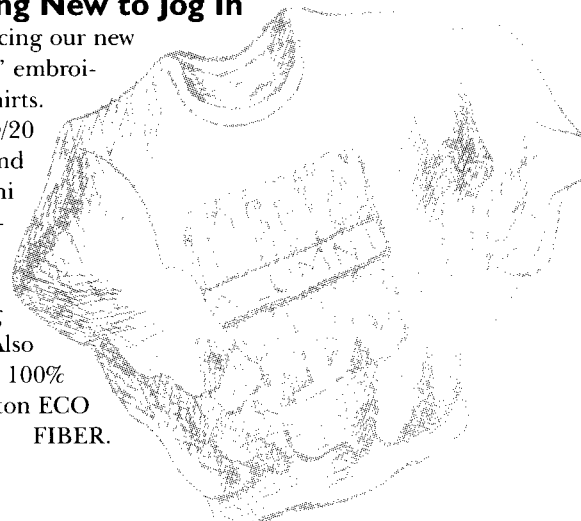
Key to Success

Of course! And it's attached to this beautifully crafted pewter key chain. Show off with pride that you are a UBC grad.



Something New to Jog In

Introducing our new "Trapunto" embroidered sweatshirts. Made from 80/20 cotton/poly blend with the alumni logo embroidered on the full front with matching thread. Also available in 100% recycled cotton ECO FIBER.



Order Coupon



All merchandise available exclusively through the Alumni Association.
All funds are used to support UBC Alumni Association programs.



The Fraser Basin: Sustaining Life in a Busy Waterway

Every Monday morning John Doe fills his childrens' reusable lunch bags with disposable juice and yogurt containers. At the same time, his wife, Joan, fills the blue recycling box with unread newspapers and product packaging. Although they leave at the same time and work only 20 minutes apart, they kiss goodbye and hop into their separate cars to commence the daily bumper-to-bumper crawl past billboards promoting public transport and car pooling.

"Most people feel strongly about preserving the environment," says Michael Healey, Director of UBC's Westwater Research Centre "but their day-to-day decisions are contradictory."

Finding out why is the focus of one of the 20 Fraser River projects that make up the Basin Ecosystem Study (BEST). Along with five other multi-disciplinary environmental studies at Canadian universities, BEST is currently in its second of three years of federal funding.

What is the state of the Fraser basin? What can we do about it? The Westwater Centre, in collaboration with the Sustainable Development Research Institute and 13 UBC departments of natural and social sciences is seeking to answer these questions and provide solutions to environmental problems in the lower Fraser River basin.

The Fraser basin from Hope to the river mouth is ideal for this study because, says Healey, "it's large

by Lynne Melcombe
Illustrations by Margot Dear



enough to give a broad look at the issues, small enough to be manageable, and has a growth rate among the fastest in North America." Growth poses a threat to the quality of life along the river, but also lets researchers study major problems in a microcosm and build a widely-applicable model of sustainability.

"The study has four components," says Healey. The first three concern geographic boundaries: urban centres, rural areas, and rivers. The fourth component synthesizes information from the other three. The urban component, aimed at creating a blueprint for a healthy and sustainable community, grew out of an existing task force in Richmond.

"Richmond takes up so many square metres of actual land," says Bob Woollard, urban component leader and acting head of Family Practice, Faculty of Medicine. "But, in fact, it takes much more space to sustain a community like Richmond. For example, oranges eaten in Richmond take up growing space in Florida." The real space required to maintain a community's standard of living is called its ecological footprint.

Richmond's ecological footprint is 27 times larger than the city itself. "If we apply this to the rest of the world," says Woollard, "we'd need two and a half more planets to sustain the earth—food for thought the next time you're in Starbucks drinking Kenyan coffee."

Understanding the ecological footprint helps people make decisions such as zoning for highrises rather than townhouses, or building superhighways instead of improving public transit. But to be effective, says Woollard, it must be paired with another tool: social carrying capacity. Consisting of principles such as equity, diversity and connectedness, this concept helps people understand what makes a community desirable, and then measure a place like Richmond "in terms other than gross domestic product and interest rates."

East of Richmond lie hundreds of square miles of rich farm land. But even there, where the air smells clean and the soil is moist and black, the environment is being degraded by inadequate cycling of substances critical to its ecology. Nitrogen, for example, occurs naturally and is essential to crop cultivation. But in the past century in-

creased nitrogen from manure fertilizer, fossil fuel combustion, and waste from a burgeoning population has created an overload that is contaminating the environment.

As part of the study's rural component, says Healey, "we are drawing boxes, with arrows showing the travel of nitrogen from one part of the environment to another, and measuring the rates of transfer between the boxes." By measuring the amount of nitrogen going into the environment, and evaluating the length of time required for it to cycle through each box and out of the ecosystem, researchers—who are using similar models with carbon and one or two pesticides—hope to determine the level of input the environment can sustain without damage.

Several of the river projects are also examining the sources and fates of environmental contaminants. Some are exploring the consequences of using water as a waste repository, and others are studying the impact of dykes and dams on fish populations.

Most of the river projects focus on tributaries like the Brunette, Sumas and Matsqui Rivers, whose size belies their importance. Says Healey, "because of their coho production, many smaller streams form the mainstay of the sport fishery in Georgia Strait. But some already have been lost to development. This knowledge allows us a choice: to retain our rivers as salmon habitat, or convert them into storm sewers."

There is also room for the social scientist in the study of the Fraser River basin. And while natural scientists working with fish populations or nitrogen dynamics fit easily into the study's geographic structure, social scientists are less tied to place and can see the basin as a whole.

Neil Guppy, a sociology professor and river margins component leader, is involved in two such projects.

The first project, co-coordinated by Guppy and Don Blake, head of political science, is assessing the degree to which environmental ideas, attitudes and behaviours are shared among diverse communities, such as labour, business, government and environmental groups. "Where is the harmony, where is the dissonance?" says Guppy. "This may help us decide which approach is best: the carrot, or the stick when policy is being decided."

For the second project, Guppy and colleagues Brian Elliott and Neil Blake are examining the environmental impact of population size, composition and distribution. This is not only a problem of in-

“Most people feel strongly about preserving the environment, but their day-to-day decisions are contradictory.”



creasing numbers, says Guppy, but of diverse cultures perceiving the environment differently.

Cultural perception is central to Michael Kew, Native issues project leader and associate professor of anthropology, and his colleague, Bruce Miller, whose work focuses on the basin's aboriginal population. Although only 6,000 aboriginal people are registered with the area's 29 bands, says Kew, "one can argue logically and morally that, despite their small numbers, their interest is primary. They've been here the longest. They intend to stay. We're the nomads."

With the help of two graduate students (including one First Nations student), Kew and Miller are compiling data on the area's aboriginal populations, reserve histories and land holdings, as well as current resource use. Most important will be an assessment of

planned use of the resources and the implications of land claims. Although no one can predict the outcomes of settlements, any planning for the area must take First Nations' interests into account.

While these projects seek answers to what-have-we-got and what-do-we-want questions, others are addressing issues of what-we-can-have and how-we-can-get-it. For one, researchers are scaling people's perceptions of risk by helping them understand the choices they would have to make when confronted with an environmental threat. Another is gathering groups of citizens together to discuss the tradeoffs needed if, for example, clean swimming water becomes a high priority. Healey even envisions a video game in which players "battle environmental problems, instead of giants or monsters, providing a quick way of seeing the consequences of different choices."

But individuals are only part of the problem. In another project, investigators are studying the way public agencies evolve in the face of conflict, to determine the input

required to force institutional change. "Do we need to drive a Mac truck through the front door and have a bunch of guerrillas with AK47s jump out," asks Healey, "or is there some process, short of revolution, by which we can persuade social and educational institutions to change?"

One of the things this project is about, says Healey, is providing enough information for people to make informed choices.

But ultimately, he says, "there are no right choices. People make mistakes all the time; we just have to hope they're not irreversible." This study guarantees no positive outcomes, nor is it attempting to change anyone's beliefs.

What it might do is demonstrate that there is no planning process, no proper application of information and techniques that will solve environmental problems. It might help people see the need to make sacrifices, show them that some paths are potentially more disastrous than others. "If we can accomplish that much," says Healey, "then perhaps we'll have made a contribution." ☺

The Forest and the Trees

The Basin Ecosystem Study is bringing together researchers from anthropology to zoology, botany to soil science and social work to community planning. This multidisciplinary mix has advantages and disadvantages. "We spend a lot of time learning to talk to each other without the jargon used among experts who share a discipline," Mike Healey says. But learning new ways to communicate is a good thing.

"To describe this work as challenging would be an understatement," says Neil Guppy. "It forces me to expand my intellectual horizons." It's an experience requiring participants to look beyond those horizons without abandoning them, adds Michael Kew. Ironically, the same situations that pose obstacles sometimes allow researchers to perceive other disciplines more clearly than their own, says Bob Woollard, "letting us see the forest and the trees simultaneously."

This almost poetic enthusiasm for an endeavour that is nothing if not cumbersome is no accident. "If people are going to take on an investment of this size," says Healey, "they need to get something positive out of it." To ensure this, each project has been designed so that every investigator is at the cutting edge of the discipline; each is doing work he or she would be happy to do individually, and may pursue independently after the study is over. In this way, Healey hopes the researchers, particularly grad students, will be eager to do more multidisciplinary work.

Woollard agrees. "The shift towards specialization that happened at the beginning of this century has reached its limits," he says. As we approach the next century, "we have to put things back together. If this project does nothing more than train a new generation of academics to look at complex problems in a less dissective, more constructive way, I think we will have accomplished a great deal." LM

FORENSIC DENTISTRY

THERE'S NO SUCH THING AS A ROUTINE EXAMINATION IN FORENSIC DENTISTRY.

THE STAKES ARE JUSTICE, TRUTH AND PERSONAL IDENTITY.

BY MARJORIE SIMMINS

ith a surname like Sweet, you simply can't help but have pleasant expectations about the person you are asked to interview. Moreover, these hopes intensify when you learn the more gruesome parameters of the individual's profession. Hand raised to knock on the office door of one of only four board-certified forensic odontologists in Canada, you decide this positive attitude is prudent. Who knows, the name could be a perfect match. If not, you may have bitten off more than

The room is crammed with office equipment, books, files and a paper-swirled cork board. Venetian blinds block out the strong autumn light from the single, east-facing window. It's a small space, the focal point of which is a rectangular desk. Sitting behind it is a trim-looking man who greets his visitor with ... well, only one word for it, a sweet smile.

Opinions of colleagues match the first impression of Dr. David Sweet's gentle manner and reports of his considerable skill.

"David Sweet has been described as the Wayne Gretzky of forensic dentistry," says Chico Newell, the coroner in charge of the Burnaby-based Forensic Identification Unit

(Provincial Coroner's Service, Ministry of the Attorney General).

Newell first worked with Sweet in 1988. They were asked to examine the remains of two people who had been incinerated in a fire in a pickup truck. There was little left in the way of identifiable remains, but Sweet was able to reassemble parts of the dental structure. After comparing these reconstructions against dental records, he was able to make positive identifications of the victims. The deaths were determined as "murder/suicide."

Since then, Sweet has identified many victims of violent crime. "A tremendously talented guy," continues Newell. "Thorough,

methodical and gifted. It's as if he was born to do this type of work."

Given Sweet's success in his chosen field – which includes cutting edge research into the use of dental DNA as courtroom evidence – Newell's summation is apt. However, it took several years for the now forty-year-old Sweet to arrive at this conclusion himself.

Sweet graduated from UBC's Faculty of Dentistry in 1978. For the next six years he ran a dental practice in Cranbrook: a quiet life, where work was balanced by time spent with his family, trout-fishing and skiing.

A bit too quiet.

"I love the cultural life of the city," says Sweet, who was pleased to return to Vancouver in 1984 to accept a full-time appointment at the faculty. He is currently course coordinator for the Division of Oral Diagnosis, and Director of Patient Management in the undergrad program. The majority of his time, he says, is devoted to instruction, with research and administrative responsibilities rounding out his schedule. Of the three, Sweet says he enjoys teaching the most.

Equally satisfying to Sweet is the exacting

"DAVID SWEET HAS BEEN DESCRIBED AS THE WAYNE GRETZSKY OF FORENSIC DENTISTRY. IT'S AS IF HE WAS BORN TO DO THIS TYPE OF WORK."

Please see page 20



Photo: Pat Higginbotham

THE TOOTH OF THE MATTER

hundreds of differences between the skulls of women and men, and dozens between the three major racial groups (Negroid, Mongoloid and Caucasian).

According to a recent article in the RCMP magazine *Gazette*, "Positive identification relies upon the uniqueness of one's teeth arising from factors such as jaw structure, tooth size, tooth shape and orientation, trauma, disease or diet, and dental treatment." Of these, "the most significant and readily used factor in establishing positive identification of a deceased person is dental treatment."

In instances where there are no clues to the victim's identity (and hence no dental records to compare the teeth to), a process known as magnetic resonance imaging, being developed at UBC, will let medical technicians generate a computerized, 3D image of a person's head, complete with accurate projections of skin thickness and the soft tissue overtop the bone. •

In the course of a year, David Sweet will act as a consultant to the Provincial Coroner's Service on an average of 10-15 cases of forensic identification. Of these, perhaps six victims will bear evidence of teeth marks, which may lead to the successful arrest and conviction of a murder suspect. As of September, 1993, there have been 17 murders in Vancouver. Seven of these cases are solved.

During an investigation, Sweet examines and analyses the remains of human skulls and dental structures. There are

From page 19

science of solving forensic mysteries.

"It was different, exotic," says Sweet, of his initial decision to study forensic dentistry. "A bit frightening in the beginning, but you learn to focus on the science, and on your objective."

The discipline of forensic odontology is devoted to identifying people by means of their unique dentition. There are two distinct areas within the discipline: identification of the deceased, and identification of living suspects to bite marks in material such as human tissue, foods or wax (bite marks are also found on the perpetrators of crimes, who have been bitten by their victims in self-defense). When Sweet is contacted by the coroner's office to assist in the identification of a murder victim, he is acting as a consultant. The case itself is the responsibility of the police agencies involved.

According to Sweet, Canada does not have a formal academic or professional diploma/certificate program in forensic dentistry. To obtain his speciality certification, Sweet went to the University of Louisville, Kentucky, where he successfully challenged the specialty board examination in 1991. His areas of expertise include the correct recovery and handling of forensic dental evidence, and the dental identification of incinerated human remains.

The research Sweet is currently conducting, in the process of working toward a PhD in Forensic Medicine from the University of Granada, Spain, focuses specifically on the analysis of saliva for DNA testing. Semen, vaginal fluid, blood and other human tissues and organs have been accepted as sources of DNA testing and used as evidence in rape and homicide cases, and in paternity suits, since the late 1980s. DNA evidence from saliva, says Sweet, is still one or two years away from being presented in courts of law.

"I compare forensic dentistry to the process of reading a 'who-dun-it' and doing a crossword puzzle at the same time," says Sweet, who admits, not surprisingly, to reading the crime fiction of such authors as Sue Grafton and Ann Rule during his scarce off-work hours.

Accused Mother Sticks to Story: No Child Abuse

—Bothell Woman Grilled About the Death of Daughter

—Headline from the Snohomish County, Washington Herald, February 13, 1992

It was the type of sensational headline guaranteed to attract wide attention, both in the quiet Washington State county where the death of two-year-old Kayla Erlandson occurred, and north of the border in Vancouver. David Sweet was contacted and asked to testify on behalf of the prosecution in the second-degree murder case against Noreen Marie Erlandson.

In a report submitted to the King County Medical Examiner, Sweet wrote: "A pattern injury identified as a human bite mark had been found at the left inferio-lateral aspect of the neck of the decedent's body during a forensic autopsy. Photographs of the injury site had been obtained along with dental study casts of several persons who had access to the victim at approximately the time of the injury."

Sweet's conclusion: "The pattern characteristics of the overall shape of the injury match the shape of this [Noreen Erlandson] suspect's dentition and the individual abrasions from specific teeth match the unusual characteristics of the chipped incisal edges of the upper and lower anterior teeth of the suspect." He further noted that "... there are enough points of similarity to conclude that the teeth of 'Suspect B' are consistent with causing the injury observed on the victim."

A twenty-page coroner's report, detailing a savage history of physical abuse, coupled with Dr. Sweet's findings, lead to a verdict of "guilty, as charged." Noreen Erlandson is now serving a forty-year sentence in a Washington State prison. •

NEW DEAN OF DENTISTRY APPOINTED



Edwin Yen has been appointed dean of UBC's Faculty of Dentistry. Yen graduated with his DDS from McGill in 1973, then completed post grad studies in Orthodontics and a PhD in Oral Biology at the University of Toronto.

He began his academic career at U of T as a lecturer, then joined the University of Manitoba in 1978 as an associate professor in the Department of Preventive Dental Science. He became head of the department in 1987.

In announcing the appointment, Dan Birch, UBC's VP Academic, said that Yen has successfully combined teaching and quality research while maintaining clinical credibility. Yen, said Birch, enjoys an international reputation as a scientist studying the fundamental processes underlying the tissue changes that accompany orthodontically induced tooth movement.

"The research is both intellectually and technically demanding, he said. "The quality of the work and its relevance was quickly recognized by the research community, resulting in continuous grant support from the Medical Research Council since 1970."

Yen replaces Marcia Boyd, a professor of clinical dental sciences, who was appointed dean pro tem in 1992.

For Sweet, however, forensic dentistry is more than the intricate, intellectual challenge of providing answers to questions that few people would have the courage or desire to ask in the first place. Faced regularly with the profoundly disturbing evidence of humankind's violent nature, Sweet has had to put as much thought into the moral dimensions of his science as he has into the technical aspects.

"I believe we all have a basic human right to an identity," says Sweet, "and this doesn't change in the event of death."

There is also an element Sweet refers to as "moral certainty."

"Canadian law enforcement officials – particularly the RCMP – have an international reputation for a high level of decorum and professionalism," says Sweet. This respect has also been accorded to him, says Sweet, on the occasions when he has been asked to testify as an expert witness in countries other than Canada. Sweet takes great care to measure up to these expectations.

"When I present evidence in a court of law," Sweet explains, "I am often looking directly at an individual who has been charged with the crime of murder. It can be a difficult experience. I have to be one hundred percent certain of my conclusions."

Sweet works with both defense and pros-

ecution lawyers. When requested to testify on behalf of the defense counsel, his testimony may or may not support the defendant's case. He does not, as other witnesses might, offer general observations, but rather a meticulous examination of the evidence he has analyzed. In other words, he is a neutral witness.

Which does not mean he feels neutral, particularly in cases of child abuse and violence against older people.

"Those are the hardest for me," he says. "You learn to disconnect yourself – you have to – and to keep a sense of humour."

To reduce further the stresses of his work, Sweet also focuses on the big picture. He provides information to police to enable them to lay criminal charges, and to the courts, where guilt or innocence becomes a judicial process.

In a fundamental way, Sweet's work is a naming: identification, for the women and men whose voices are taken from them through a violent act; dignity, for those who die in great numbers, but deserve individual mourning; recognition, for the last call for help from an abused child.

A re-christening of sorts, by a professional who respects each record of life he holds in his hands. ☛

Continued from page 11

such an integral part of daily life in the faculty, they will be missed. We wish them both a long, happy and healthy retirement.

LIBRARY

The electronic library is expanding at UBC. Last fall, the university increased the library's collections budget by \$1 million over the next two years to acquire more electronic resources.

Electronic information resources and technology are major tools for libraries in their quest to provide the best possible services. They are transforming the way we collect and provide access to information held both locally and around the world. The UBC Library has used automated systems for decades and, in the last few years, has been purchasing more electronic materials and developing new electronic services.

Currently, the library has more than 75 CD-ROM and online databases covering most subject areas. With the increased budget, we will expand our electronic collection capabilities while continuing to build collections of books, serials and other materials.

Part of the increase is earmarked for *NetInfo*, a new library service for UBC students, introduced in December. *NetInfo* gives free access for 20 minutes daily to electronic mail, *ViewUBC* (UBC's campus-wide information system) and other Internet resources such as *Usenet News* and the *ClariNet* electronic newspaper.

Technology is also transforming the way students, scholars and librarians communicate: approximately 140 countries are now connected by electronic mail. An estimated 1.8 million computer hosts use Internet.

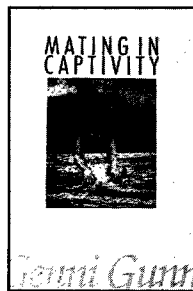
The online catalogues of most major North American and West European research libraries are accessible to library users through *ViewUBC* or through UBCLIB, the Library's online catalogue system. Increasing numbers of full-text electronic journals are available on the Internet to scholars from their network-linked computers at work or at home. Consortia of libraries are acquiring and sharing online full-text, numeric and image databases.

To plan and organize the acquisition of and access to electronic resources and their integration into library services, the UBC Library recently created a coordinator of electronic information services position (half-time). Hilde Colenbrander, head of the data library at UBC since 1988, has been appointed to this new post. ☛

FOR YOUR READING PLEASURE

Variations on the past, a dragon of a metaphor, a "MOA-better" museum, readers as writers, George Woodcock arrives & a real birder's treat

Mating in Captivity by Genni Gunn BFA'82, MFA'84 (Quarry, paper, unpriced) is a book of prose poems that plays with some interesting ideas. I liked the idea of dividing the main theme into five sections with titles like Natural Habitat, and The Hunt. The variations-on-a-theme poems are particularly successful. I enjoyed the notion of travelling around and around a past event, with each poem capturing a



facet. "Variations on Silence" works especially well, with its combination of sharp images, sensual detail and emotion. Gunn is at her best with poems like # 8 in this series. "Your father's presence lingers in the half-filled cup, the open book, the grey worn cardigan which hangs, limp, on a chair back. He could be out for a stroll, or writing in his study while your mother lies, sedated, in their room and cries." Unified metaphor transforms this dense work into something more resonant than a couple of lines can indicate.

On the downside, Gunn is evasive. She hints at things and does not follow them up. I finished the book, then read the dust jacket and thought, is that what it was supposed to be about? Hmm. My personal bias in poetry is for either a narrative thread or dazzling language. Whichever—and some poets do both—the reader is happy to be left with a sense of the poem biting its own tail, a pleasing feel of closure. Too many of these poems are fragments.

Gunn's work is strongest when she opens fully to her potent imagination. *Zoë Landale*

The Great Dragon's Fleas by Tim Ward BA'82 (Somerville House Publishing, \$19.95, paper) is a remarkably handsome book with thick pages, ruffled edges and a good cover. What's inside is also a pleasure. After six years of faith, Ward, a born-again evangelical Christian, thinks there may be more to life than Western perspective. He sets off for Asia to explore its spiritual traditions: the dragons he is after are metaphysical. His journey takes him two years and there are hysterically funny scenes with holy men, police officers, seers and assorted odd characters. Ward searches through India, Bangladesh, Indone-

sia, Thailand and Tibet, for something pure, profound and true. What he comes up with is never quite what he, and we, would hope.

One of the saddest chapters takes place in India with the "living god" Sai Baba. Ward, sceptical but eternally hopeful, goes to investigate. Does Sai Baba really perform miracles? The ridiculous and touching carryings-on at the ashram and the "greasy fingers cafe" outside its gates are a microcosm of the book. Much is hoped for and tantalizingly little found.

One thing Ward takes utterly for granted, but that I found remarkable, is his facility for languages. Wherever he goes, he learns not only sufficient to get by, but enough to discuss religion. He talks with people in markets, goes into their homes, converses with monks throughout Asia about Buddhism. Buddhism is really the focus of his quest. The other weird and wonderful questions, like *did Jesus really emigrate to Kashmir after the crucifixion?* are delicious sidetracks.



This is a thoroughly entertaining book, and if the tone darkens by the time we reach Tibet with Ward, well, it brings us back to the real world. *ZL*

A Labour of Love: The Making of the Museum of Anthropology by Audrey Hawthorn DLit(Hon)'86, \$9.95. To many visitors, the most exciting place on the UBC campus is the Museum of Anthropology. Its collection of indigenous art and artifacts is among the best in the world, its layout is inviting and dynamic, and its setting is magnificent. **A Labour of Love** recounts the history of the museum from the perspective of Hawthorn, who was its driving force from 1947 to 1976, when the its current home, the Arthur Erickson designed building, was opened.

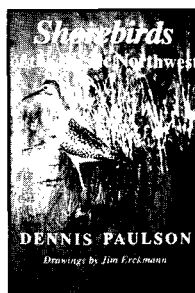
Hawthorn's vitality and vision are reflected in every aspect of the museum, and the book provides a fascinating insight into the creation of this complex and successful institution. The book is filled with historical photos from the first displays in 1947 to the visit, in 1993, of Bill Clinton and Boris Yeltsin. The strength of this book is its historical context. It outlines the difficulties facing

arts administrators during the forties and fifties, and makes us realize that times, at least in that industry, have not changed much.

While the book is an important record and an interesting read, it's too bad there wasn't a bigger budget for production. The few colour photos of items in the collection are grainy and badly reproduced, and many samples are poorly lit. Some of the black and white photos are very faint. Samples of masks, cloth, carvings and totems would have been much more effective in colour, especially if they were professionally photographed. If ever there was a subject crying out for the coffee table treatment, this was it. While the book captures the nuts-and-bolts essence of the museum, it captures little of its spirit. Buy the book, then tour the museum.

A Labour of Love is available at the Museum Shop. *Chris Petty.*

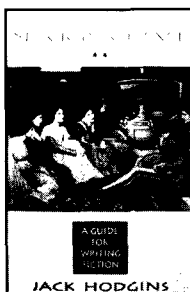
Shorebirds of the Pacific Northwest by Dennis Paulson. (UBC Press) There are two kinds of birdwatchers: those who are happy when they can tell the difference between a Rufous-sided Towhee and a robin, and those who want to know a bird's range, breeding habits, plumage variations and odd habits. The first kind of birdwatcher is well-served by the Peterson or Dell guides, but the second needs a stronger fix. **Shorebirds** is the kind of book serious birders dream of.



Shorebird varieties are difficult to tell apart. Various plovers, sandpipers, curlews, turnstones, etc., often don't have much to separate them, at least to the untrained eye. This book, with its superb photos, first-class silhouette images and interesting text, should go a long way to solving that problem for novices and experts alike.

The book covers shorebirds from the northern tip of Vancouver Island to southern Oregon, and from the west coast to the Continental Divide. Produced in conjunction with the Seattle Audubon Society, it's a beautiful start to what this bird watcher hopes is a continuing series. Wouldn't it be great to see such a book on the sparrow family? Or the warblers? Or the Woodpeckers? Or the ...? *CP*

A Passion for Narrative: A Guide for Writing Fiction by Jack Hodgins. (McClelland and Stewart) Who hasn't said after reading a Stephen King novel, "Pshaw — I could do that!" It's a phenomenon not lost on the publishers of self-help books, because every bookstore has at least one solid shelf of "How To Write Fiction," and the books sell briskly. Just because nearly everyone learns to write in school, nearly everyone thinks he or she is a good writer. Wrong. Good writing, like good anything, takes skill, practice and lots of very hard work.



So why another writer's book? This one's good, that's why. It doesn't pull punches ("Writing is VERY hard work," it says, and "Don't blame me if no one will ever publish your work."), and it's full of excellent examples, hard-as-hell exercises and a reading list long enough to take one well into old age.

The book takes the reader through analysis of setting, plot, character, structure and voice, and gives some great insight into where stories come from.

Probably the very best writers' self-help books are those written by the late American writer John Gardner. This volume is altogether as good as Gardner's.

Jack Hodgins is a first class novelist himself, in case you didn't know, and has won many awards for his work, including the Governor General's Award. Take a look at *Spit Delaney's Island* or his most recent novel, *Over Forty in Broken Hill*. *CP*

George Woodcock Gets Venerable

George Woodcock, who turned 80 a couple of years ago, was never a student of our hallowed uni, but he left his mark. A pal of the father of our Department of Creative Writing, Earle Birney, Woodcock was the founding editor of *Canadian Literature*, a venerable UBC icon in its own right.

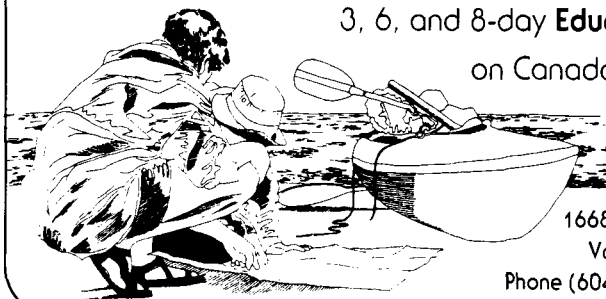
Woodcock made his biggest contribution, however, to a large number of writers at the time, many of them UBC students, who saw societal salvation in the political far left, and who admired his determined ability to succeed while remaining steadfastly outside the mainstream. He was a role model to an entire generation and a tireless supporter of Canada and Canadian writers.

Well, George is being honoured by his peers. A reception is being organized for May 7 after the 10th Annual BC Book Prizes Gala (hosted by Pierre Berton, who DID graduate from here), and a show of new art created in his honour will be held at the Bau-Xi Gallery beginning May 8. Also in the works is the George Woodcock Seminar (at SFU), and a new award, The George Woodcock Lifetime Achievement Award. There is also a move afoot to establish a George Woodcock Arts Centre. For more information about these and other projects, call 736-4011 or 687-2405.

George was never a huge fan of UBC, but it's only an institution made up of people, and lots of us think he's pretty cool. *CP*

Learn in Nature's Classroom

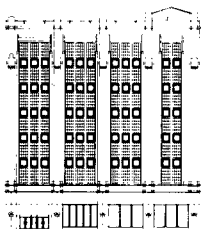
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20s

John Duncan BAsc(ElecEng)'28 wants to know if there are still any ElecEngs from the class of 1928. He was with GE Canada for more than 40 years and retired in 1970. Major Duncan and his twin brother Lieutenant Colonel **James Duncan** BA'27 served with the Army in England and on the continent. Both were awarded the MBE ... **Elsie Islay (McLarty)** **Stephen** BA'25 lives in Fayetteville, Arkansas. She reads a lot, gives book reviews, plays bridge and enjoys her three grandchildren.

30s

Laurence Gray BAsc(ElecEng)'38 worked for 5 years with Canadian Marconi, two years with RCN, 17 years with IT&T, 16 years with COMSAT and ten years consulting for COMSAT, IBM, GTE and MCI. He co-authored a book, *Radio Transmitters*. He serves as a volunteer with the Smithsonian in Washington, DC in their electrical engineering department ... On January 4, Mae and **Edward Robinson** BAsc(CivEng)'32 celebrated their 60th anniversary in West Van. Their son and daughter hosted an afternoon reception for family and friends. Among those attending were: **Jean (Cameron) Baynes** BA'32, **G.E. (Ted) Baynes** BAsc(ChemEng)'32, **Isabel (Richardson) Boulding** BA'26, **Brian R. McMorran** BSc(Pharm)'58, **Al Pike** BAsc(MinEng)'33 and **Raymond M. Robinson** BA'58.

40s

Since retiring from Agriculture Canada, **Tom Anstey** BSA'41, MSA'43 does some consulting and writes computer manuals and other material. Occasionally he sees **H.F. (Bob) Fletcher** BSA'51, **Dorothy (MacLeod) Forsyth** BSA'47 and **Dave Young** BSA'47 ... **Joe Gardner** BA'40, MA'42, former Dean of Forestry, has been appointed to the Order of Canada ... **Irene (Nelson) Howard** BA'48, MA'64 was awarded the UBC Medal for Canadian Biography for her 1992 book *The Struggle for Social Justice in British Columbia: Helena Gutteridge, the Unknown Reformer*, UBC Press, 1992. "Howard reminds readers that significant changes in society occur through the efforts of dedicated individuals who often go unrecognized by their contemporaries and who long remain unknown later in social history." —*Canadian Literature*, Summer, 1993.

50s

Trevor Arscott BSA'56 is a professor emeritus in Ohio State

University's Department of Agronomy. He and wife Heather are spending retirement travelling the world. ... **William Bowring** BA'54, MSc'56 received an honorary doctor of science degree at Ritsumeikan University in Kyoto, Japan on December 14. This is Bill's third doctorate. He received a PhD from McGill in 1960 and another one from Cambridge in 1964. He is president of Okanagan University College ... After 36 years in the Alberta university system, **Harvey Buckmaster** MA'52, PhD'56 became professor emeritus of physics at the University of Calgary. He continues his research as adjunct professor in electrical and computer engineering at the University of Victoria. At the U of Calgary, he was active in the faculty association, which he represented on the Board of Governors. He and his wife were so active in the community and in environmental issues that they have a park named after them! ... The American Vacuum Society, a member of the American Institute of Physics, has awarded **John Coburn** BASc(ElecEng)'56, MAsC (Eng-Phys)'58 the John A. Thornton Memorial Award for seminal work in the mechanistic aspects of materials processing with glow discharges and ion beams ... **N. George Davies** BASc(EngPhys)'54 moved from Ottawa to White Rock after 35 years in Ottawa ... **Douglas Henderson** BA'56, PhD'61 has taken extended leave from IBM to become Juan de Oyarzabal Professor of Physics at the Metropolitan University in Mexico City ... **George Longstaff** BPE'54 retired in September. He spent 36 years in education in BC, twenty-seven as coordinator of physical education, health and outdoor education in SD #43. He received the Award of Honour of the Canadian Association

for Health, Physical Education and Recreation. He and wife Val will spend winters in his RV and summers in BC ... **Betty Vogel** BA'53, MA'68 has just published a novel, *Pilgrimage*, based on her experiences as a UBC exchange student to the Johannes Gutenberg Universität in Mainz, Germany in 1953/54. Copies can be obtained from Blue Flower Press, 101-309 E. Cordova St., Vancouver, BC, V6A 1L4 ... **James B. Webster** BA'56, MA'58 received his PhD in African history from the University of London. He taught at Dalhousie for eighteen years and spent twelve years lecturing at several African universities. He lived in Nigeria during the civil war, was dean of Arts at Makerere during Amin's regime and headed the history department at Chancellor College during the early stirrings of political liberalism in Malawi. From 1988 to 1989 he was visiting professor of African history at UBC. He is retired and lives in Vancouver.

60s

Award winning composer **Michael Conway Baker** BMus'66 has created the first original music score for an ice ballet production. Producer Dorothy Hamill and choreographer Tim Murphy worked with Baker on *Cinderella* ... *Frozen in Time*, and all three "feel that the meeting of the minds between composer, choreographer and producer has produced a show which derives its magic from the perfect harmony of music and skating" ... The Canadian Home Economics Association Foundation has appointed home economist **Barbara Cousens** BHE'60 as trustee for a two-year term. She earned her MA from the University of Calgary and is an instructor in adult basic education at Okanagan University College in Kelowna ... **Frank Emery** BA'63 retired from the BC public school system in October after 30 years. He spent the last four years teaching geography in Brunei ... **Aileen (Barker) Gentles** MA'61 retired to a log cabin on a river near Sicamous, BC. She still writes scripts and music. She would enjoy visits from former Players Club members ... **Constantine Gletsos** MSc'65, PhD'68 and **Helen Diane (Kerr)** BA'65 married in 1967. Constantine has been employed since 1968 with Wyeth-Ayerst Laboratories in Pittsburgh, New York, where he celebrated his 25th year in 1993. He was recently promoted to principal scientist. Helen earned an associate degree in accountancy in 1988 and owns her own business, but mostly she is a homemaker. She is active in writers' groups and literature clubs. They live in a beautiful part of New York State, but plan to retire to Richmond, BC, where they own a home... **Igor Grant** MD'66 is professor and vice chair of the Department of Psychiatry at UC San Diego. He is also director of the San Diego HIV Neurobehavioral Research Center ... **Peter Herke** BASc(ElecEng)'63 is the new managing director of Metrologie Plc. He lives in Maidenhead, England ... **Stewart Levitt** BA'65 received his teacher training in 1966 and later went on to earn his MEd from Western Washington University. He is principal of Rideau Park Elementary School in Richmond ... The University of Alberta has named **John Samson** BSc'67, MSc'69 the McCalla Professor of Science for 1993/94. The award will allow him to continue his research of energetic plasmas in the geospace environment ... **Andrew Thom** BSc'64 has a new work assignment within General Motors in Detroit as director of quality, North American export vehicles.

Class Act

GRADUATING CLASS GIFT CAMPAIGN

Graduating students dig deep to raise funds for fellow students!

Student volunteers are soliciting their classmates for pledges toward a graduating class gift. Students in each faculty have chosen a gift that reflects their priorities: bursaries for needy students, special scholarships, student lounge renovations, new



Personing the phones: Students urge grads to give something back. A class act.

computers and printers and a career placement centre are some examples.

Now in its third year, the 1994 *Class Act Campaign* is expected to raise more than \$150,000 in student pledges, to be paid over the next three years. *Class Act* has expanded to involve graduating students in all faculties on campus. In 1992, three faculties were involved in the campaign, last year six were involved and this year all 12 faculties are participating.

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SERVING UBC GRADUATES

70s

Deborah (Flitton) Bouliane BA'70, MLS'76 left her position as chief librarian of the Prince Rupert Library and is now home-based on Gabriola Island with her husband's multimedia company, SR Media Services. She works at home and raises her 12-year-old son, Thomas. The company develops interactive interfaces, educational games, training modules and kiosks. Deb also sells *Library 4*, a Kelowna Software integrated library management program, which she helped develop ... **Mary (Blanchard)** BA'75 and **David Cowley** BASc(MechEng)'74 moved from Hawaii, where they lived for 7½ years, to Santa Cruz, CA. David has taken a job as chief mechanical engineer and major projects supervisor for the UC's Lick Observatory ... **Peter Edwards** MA'72, EdD'74 has been appointed full professor at SUNY—Plattsburg. He directs the reading center for Educational Studies and Services. He is researching the linguistic factors that influence reading-language performance and the application of research into instruction. He has worked at universities in Pennsylvania, Michigan, Australia and BC ... **Lyle Hillaby** BMus'78, LLB'84 works for the Fraser Region Crown Counsel, assigned to prosecutions concerning the mentally disordered ... **Jennifer Gurd** BEd'79 has a DPhil in experimental psychology from Oxford, a son aged 5 years and is employed at Oxford as a research fellow in the MRC neuropsychology unit in the department of clinical neurology ... **Dickson Hall** BA'76, MA'80 represents the Vancouver Stock Exchange in Hong Kong. He was Hong Kong trade development officer for the BC government from 1986 until October 1993. Hall has been in Hong Kong and China for more than 15 years ... **Paul Hughes** BCom'77 is managing director of mergers, acquisitions and restructuring at Dain Bosworth in Minneapolis.

Minnesota ... **Dorothy (Schwaiger) Jantzen** BPE'79 moved with her husband and three children from Saskatoon to California. She is a full-time mom while husband Dale works in data communications ... **Richard Knapton** MSc'73 is research director, Long Point Waterfowl and Wetlands Research Fund, at Long Point, Ontario ... **Dennis Martin** BASc(GeoEng)'73 earned his PhD from the University of London. He researched the time-dependent deformation of rock slopes for mines and transportation engineering projects ... **Alison (Kozyk) Moir** BSc'79 has been working for the John Janzen Nature Centre in the Edmonton Parks and Recreation Department as program coordinator for four years. She became a mom (a boy) last May. She received a graduate degree and a BA in rec. admin. from the University of Alberta. She is married to Sean Moir, a freelance writer ... **Barbara Mowat** MEd'79 received the 1993 Canadian Woman Entrepreneur of the Year Award from U of T's women's entrepreneurship program. She is president of Impact Communications of Abbotsford and coordinator of the BC Creative Arts Show, a forum for home-based arts and crafts businesses ... **Patricia Pierce** BSc'75, MD'79 married Mitchell Altman in October in Las Vegas, where she works as a perinatologist (maternal-fetal medicine) at the Perinatal Center ... **Glenn Tibbles** BPE'73 will marry Suzanne Devonshire Baker in Calgary on March 19, ... **Karol Traviss** BHE'79 has worked as a dietician at UBC Hospital since 1980. She returned to UBC as a part-time graduate student in human nutrition. She is married to **Dick Shannon** BCom'79, who has his own computer business. They have two daughters ... **Robert Viens** BMus'77 married Jessica Wunschel in 1991. Serena Maria was born in 1993. Robert completed his MMus and voice performance at Western Washington in 1991. He is the music director of Assumption Church in Bellingham, has a private voice studio and is music director of a summer stock group. Three step-children round out the Viens family ... **Alice Delaney (aka Dana) Walker** MFA' 73 teaches English in Taichung, Taiwan's third largest city. She is also working on a few ESL and

business ventures ... **Brian Whitehouse** BSc'76 is a doctor in St. Margaret's Bay, Nova Scotia ... **Bill J.M. Wong** BCom'77, formerly director of taxation at Fletcher Challenge Canada has been appointed VP of taxation ... **Russell Yamada** DMD'72 was awarded a fellowship in the American College of Dentists on November 5 at the College's annual meeting in San Francisco. He is in dental specialty practice and serves as a clinical assistant professor at the Oregon Health Sciences University School of Dentistry. He is married to **Sylvia Behrens** BSc'68, MSc'71.

80s

David Armstrong PhD'89 is assistant professor in the Department of Physics at the College of William and Mary in Williamsburg, Virginia ... **Karin Beeler** BA'85 completed her PhD in comparative literature at the University of Alberta. She is an assistant professor of English at UNBC in Prince George ... **Nancy (Linburg) BEd'88** and **Dennis Bickel** BASc(CivEng)'91 were married in June. They live in New Westminster. Nancy teaches kindergarten in Surrey and Dennis is an engineer with the Ministry of Highways in Burnaby ... **Janet (Olsen) Brown** BEd'80 was elected MP for Calgary Southeast in the October election. She is married to **Anthony Brown**

➤ Stay in Touch ◀

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CLASS ACTS

BSc'68 ... **John Buckley** BPE'86 received an MSc in biomechanics from Loughborough University in England. In partnership with a physiotherapist for five years, he runs and owns an exercise, physiotherapy and sports injury clinic in Shresbury, England ... **Michael Bushby** MASC(CivEng)'88 lives in Tasmania, Australia, working as an asset system engineer. He and wife Janine have two children, Laura and Ben ... **James Cooper** BSc(Agr)'81 has been a practicing chiropractor in Penticton since 1985. He married Opal in 1992. Their first child, Forrest, was born in July ... **Pamela David** BSc'89 graduated in November with an MSc from the University of Calgary. She has begun a PhD program in biochemistry at Queen's. Old friends can get in touch via Email at 3P5D3@QUCCDN.QueensU.Ca ... **Terence Dawson** MMus'83, DMA'91 is in his second year as artistic director of masterpiece chamber music at the Vancouver East Cultural Centre and in his third year on the piano faculty at the UBC School of Music ... **Susan Gillmore** LLB'86 and **George Federoff** BCom'86 work at ICBC, not UBC as reported in the last *Chronicle* ... **Ann (Hughes)** BCom'87, MSc'90 and **Tony Frost** BCom'87 are nearly finished doctoral studies at MIT: Ann in industrial relations and Tony in international management. Their daughter, Zoë Helen, was born on June 5, ... **Terry Gee** BAsc(MetEng)'86 moved back to Vancouver in December. He will be working in kidney dialysis at St. Paul's Hospital ... **Janice Gladish** BEd'83 and her husband Vic live in St. Albert, Alberta with their three children. They settled there after a 3½ month trek through Western Europe in 1990. Janice is teaching junior high school, which she considers quite a challenge ... **Campbell Gordon** BCom'80 married Ann Louise Harkinson in September. They honeymooned in Tunisia and moved to Cambridge afterwards ... **Brenda (Gelfer) Halliwell** BSR'84 has three daughters: Shayna, Lisa and Rachel. She has been working in occupational therapy at Delta Hospital since 1990. She also has a private OT practise and does splinting in a physio clinic ... **Grant Hill** BSc'86, MSc'88 received a PhD in physics astronomy in 1993 from Western. He is doing a postdoctorate at the University of Manitoba ... **Peter Kalkman** MD'88 completed his four year radiology residency in June in Edmonton ... **Marisa (Ceccarelli)** BSc'88 and **Kevin Kendall** BPE'84 are living in Hayward, California with daughter Morgan Chelsea Clare. Marisa received her MA from San Francisco State and is teaching biology part-time at Foothill College in Los Altos Hills. Keven received his MBA from San Francisco University and is employed there as a senior financial analyst ... **Ron Lee** BASc(CivEng)'82 lives in Richmond, BC with his wife Tina, son Graeme and new daughter Erin. He works for Reid Crowther and Partners Ltd. in their transportation division ... **Michael Lemke** BSc'85 is a postdoctorate associate investigating wetland ecology at the University of Alabama. He graduated with his PhD from the department of biological science at Michigan Technical University in '92 ... **Ruth Loewenhardt** BA'89 returned to work part-time at Questor Systems, a computer company for museums and galleries, in January 1994. She and husband **Peter Loewenhardt** MSc'89 are proud parents of their second child, Rachael Ariella Amelia, born on October 13 ... **Colleen (Welsh)** BA'85 and **Mark Lusk** BASc(MetEng)'87 have moved to Corona, California. Mark works as a rolling mill metallurgist for Oregon Steel Mills. Colleen is enjoying her job as mom to Clayton and Nicole ... **Cate McNeely** BA'83, MLS'86 is deputy director of the Richmond Public Library system ... **Francine (Styko)** BSc(OT)'87 and **Bill Miller** BSc(OT)'89 live in London, Ontario, where Francine is working at Parkwood Hospital and Bill is enrolled in

Western's MSc program in occupational therapy. They moved to London after four years in Sudbury ... **Usha Mittoo** PhD'88 has won the 1993 Associates Achievement Award in Research from the University of Manitoba, where she is a member of the faculty. In the past year she has published papers in top journals, made conference presentations, served as a reviewer for two journals and received a three year grant from the Social Sciences and Humanities Research Council ... **A.Y. (formerly Stephen) Omule** PhD'81 is on secondment from the BC Forest Service, where he has been working since 1982 in inventory and growth and yield, to the Asean Institute of Forest Management in Kuala Lumpur, Malaysia for three years (starting in July 1993). He is the forest inventory specialist in the institute. He lives in Kuala Lumpur with his wife Rachel and their three children ... **Jeff Pardee** BCom'87 married Maryellen French in September. He is a computer systems manager in the family business, Pardee Equipment Limited, at the head office in Edmonton ... **Frances Pohl** MA'80 recently published her second book on the American artist, Ben Shahn, entitled *Ben Shahn* (Pomegranate Artbooks, 1993) ... **Gary Sheffler** BASc(CHEMENG)'83 wrote to thank **Susan (White) Vander-molen** BASc(CHEMENG)'83 for her successful organization of their 10th anniversary reunion. He hopes to see everyone in 2003! ... **Shaffin Shariff** BA'84 recently joined Cancopy, a national copyright management corporation, as communications manager after a decade in journalism ... **Stephen Siebert** BASc(GEOENG)'88, MASC(M&MPENG)'92 became a licensed professional engineering in Washington state in August. He was promoted to senior staff geotechnical engineer at Hart Crowser & Associates in Seattle in September ... **Elizabeth (Min)** BSc'84 and **Seaho Song** BSc'82, MASC(MechEng)'84 have returned to Canada from New York, where Seaho worked for IBM. He received his PhD in 1988 from the University of Waterloo. He is working at BNR in Ottawa. The couple has two daughters, Gloria and Esther ... **Winona Stevenson** MA'88 is finishing her PhD in Native American/ethnic studies at

UC Berkeley. She will return to full-time teaching at the University of Saskatchewan in July ... **Margaret (Armstrong)** DMD'88 and **Hugh Sutherland** BSc'85 now live in Kamloops. Hugh is a commercial lender for the TD Bank. Marg is working with her brother and father in a family dental practise. Hugh and Marg have fun with 2-year-old Alistair and are doing house renovations ... **Earl Hong Tai** BCom'84 recently left the BC Securities Commission to form his own financial and management consulting practice. He is married to **Ivy Wong** BCom'85 ... **David Vivian** MFA'89 graduated from the National Theatre School of Canada in 1992. He works as a scenographer ... **Danley Yip** BA'80, LicAcc'82 is VP finance for Pro Mark Marketing Inc. He married Poh-Lin Koh in October. Both are members of the Chinese Presbyterian Church.

90s

Mark Anderson BSc'90 is working on his master's degree in computer science at SFU ... **Hedda Breckenridge** MA'93 began her doctoral studies in October at the University of Glasgow's classics department, after a summer of digging in Greece with Hector Williams and in England with A. Barrett ... **Brian Burnham** BA'90 is running a community support program for Community Connections in Kelowna ... **Nichola Hall** MA'92 is working as a program coordinator for UBC's Department of Continuing Studies, designing programs on public affairs. She states that she never thought her MA in political science would get her a job, but that it was perfect! ... **Melissa (Kleysen) Giesbrecht** BSN'93 was married to Mark Giesbrecht in September ... **Allison (Moors) Grover** BA'91 used her education in psychology while working as a private investigator in 1992 and uses it now in sales. She married **Michael Grover**

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BSc'91 in November ... **Tracey Heintz** BA'92 is in her first year of a two year MSc program in speech pathology at Emerson College in Boston ... **Eugene MacDonald** BSc'92 is studying at Western. His thesis will deal with silarian radiolaria of the Cape Phillips formation on Cornwallis Island ... **Thomas Mah** BAsC(ElecEng)'91 is an electrical engineer at BC Hydro. He married **Candice Dong** in August 1993. She is a dietician at Burnaby Hospital ... **Wayne Nickoli** BMus'90 is in his second year as principal trombone of the Thunder Bay Symphony. He is also a faculty member at Lakehead, teaching trombone and stage band. He married Martha Sumner in December ... **Michelle (Read) Walsh** BSc(PT)'91 married Paul Walsh in October 1992. She opened a physiotherapy clinic in May.

Births

Colleen (Griffin) Brow BPE'85 and Peter: a son, Evan Griffin, on June 18. Colleen is a corporate communications officer with BC Rail ... **Jill (Bowes) Calder** BSR'82 and Bob Walter: a daughter, Zoë Elizabeth. A sister for Simon and Jake. Jill is operating a specialty medical practice in rehabilitation medicine in Kamloops ... **Carol (Chernenko) BHE**'81 **Ken Cawley** BEd'82: a first child, Krista Erin, on April 23 ... **Denise (Rennie) Daviduk** BEd'84 and Harvey: their third child, Cassandra, on July 4. A sister for Jason and James ... **Shauna (MacPherson)** BSR'78 and **Fred Dennert** BAsC(ElecEng)'78: a daughter, Allison Margaret, on May 28. A sister for Katherine ... **Brenda (Dunn)** BA'87, BEd'89 and **Doug Fraser** BPE'87, BEd'90: a girl, Rayna Lynn, on March 30. A sister for Drew, born on August 22, 1990 ... **Susan Gadsby** BSc(Agr)'83, BSc(OT)'87 and Brad Findlay: a son, Jordan Edward, on July 7. The family lives in Peachland, BC ... **Cynthia (Dudas)** BSc(Agr)'87 and **Michael Henders** MAsC(ElecEng)'91: a girl, Allison Leona, on November 23 ... **Ken Johnson** BAsC(CivEng)'81, MAsC(CivEng)'86 and Krista: a son, Adrian Paul, on December 23. Ken is the Yukon district manager for UMA Engineering ... **Denise (Craig) Lawson** BSR'82: a first son, Jeffrey Ross, on September 23. Denise is on maternity leave from her job as senior therapist in neurology at Calgary General ... **Scott Marleau** BSF'83 and Natalie: their first child, Samuel Adam, on October 26 ... **Angela (Louie) Oates** BSc(OT)'88 and Randy: a daughter, Bajjan Elizabeth, on November 13 ... **Elizabeth Gerrard Taylor** BA'81 and Simon: their first child, Guy Grant, in September ... **Jennifer (Walker)** BSc'85, MD'89 and **Daniel Worsley** MSc'85, MD'89: a second son, Michael Francis, on October 8 in Vancouver. The couple returned to Vancouver after a year in Philadelphia ... **Lesley (McIntyre)** and **Nick Wright** MBA'76: a son, Eric Nicholas, on August 3. A brother for Jacqueline.

In Memoriam

Albert A. Adefolalu MA'76 on June 27, in Nigeria. His daughter Kemi wrote to say that her father was always very proud to be a UBC graduate ... **Homer D. Bentley** BEd'56 on August 11, of a heart attack. Mr. Bentley taught school for 35 years; 24 in New Westminster Senior Secondary School. He served with

the RCAF overseas ... *The Chronicle* received a letter from **David Crawley** BA'39 regarding **James A. Beveridge** BA'38. We ran an obituary for Mr. Beveridge in the Fall, 1993 issue which we based on some sparse information which was sent in to us. Mr. Crawley tells us that Mr. Beveridge was not only one of the founders of the National Film Board, but also of the School of Film at York University. His 50-year career as a filmmaker, teacher, author and administrator is an important legacy to the Canadian film industry ... **Norman Holland Booth** BAsC(MechEng)'50 on November 8, in Nanaimo. Norm's family was the focus of his life, and his 10 grandchildren adored him. He served with the Royal Canadian Navy during WWII and saw duty in the North Atlantic. He was a member of the Professional Engineers of Canada and was employed throughout his working life with Cominco Canada. At the time of his retirement in 1985 he was manager of engineering with Cominco and the president of Cominco Engineering Services Ltd. He enjoyed good health during his retirement and spent those years travelling the world with his wife Jessie and flyfishing with his friends on BC's interior lakes. He is survived by his wife; his children John, Norman, Linda, Carol and Jim and their spouses, his grandchildren and his sister Thelma ... **Edward Charles**

Burns BA'48 on December 8. Ed was born in Winnipeg in 1918 and served with the RCAF in WWII. He is survived by his wife Betty; children Patricia, Michael, Peter and Lynne; four grandchildren and one great-grandchild ... **David Jin Kuo Dang** BCom'88 on December 12, at the age of 29. Dave was the customer service manager at the Royal Bank, 100 Mile House. He was a jovial fellow who had a generous, fun-loving and positive disposition towards all those around him. His sense of humour brought everyone joy, his caring attitude provided support and his unselfishness endeared him to everyone. He will be sadly missed by his mother, So Kuen, his brother, Bill and his friends, co-workers and extended family ... **Frederick Arthur De Lisle** BA'33, MA'34 on October 21. He was chief chemist at the BC Cement Company at Bamberton, BC for many years. He is survived by his wife Josephine De Lisle ... **Pablo (Paul) Ferdinand Engels** BAsC(MechEng)'53 on October 17. He owned a factory in Monterrey, México since 1964 and worked there on and off until his untimely death from cancer. He is survived by his wife Evelyn, sons Carlos Fernando and Andrés Eduardo and two grandchildren. Pablo was a very skilled and highly appreciated engineer. He will be missed by his family ... **Frederick Troop Fitch** BSc'38, MSc'40 on October



NEIL PERRY BA'33, LLD'66

Neil Perry was one of UBC's great economists. During the depression of the 1930s he was hired by Professor Pat Carrothers to be his right hand at the Economics Council of BC in Victoria. His friend and colleague **Bill Gibson** BA'33, LLD(Hon)'93 urged him to go to Harvard, which he did, graduating with a PhD under Professor Alvin Hansen. He then went to Addis Abbaba, where he served as president of the Bank of Ethiopia and later to the World Bank in Washington, DC.

He returned to British Columbia, where he was appointed head of the Faculty of Commerce. He eventually became vice president of UBC and Deputy Minister of Education under the Social Credit government when Les Peterson was Minister of Education. He served on the Universities Council as well.

MARGARET M. STREET 1907 - 1993



Margaret M. Street, a distinguished professor emerita of UBC's School of Nursing, died December 7, 1993. She was 84.

Born in 1907 in Winnipeg, she attended the U of Manitoba, graduating with a BA in 1928. She taught in Manitoba high schools, then entered nursing. In the early '40s, she studied at McGill, then held senior administrative positions across Canada. In 1961, she obtained a Masters in Nursing Administration degree from Boston University.

In 1962 she was recruited as an assistant professor at the School of Nursing, and was promoted to associate professor in 1965. She was drawn into administrative duties and helped with planning for the Health Sciences Centre. She had extensive involvement with the HSC planning committee and with the development of the campus hospital.

During the final years of her time at UBC, she taught administration courses in the new Master of Nursing program. She retired in 1972 and retained close links with the university and the School of Nursing.

While at UBC, she became close friends with Ethel Johns, first director of the UBC Nursing program. Following Johns' death in 1968, Margaret Street compiled and indexed the Ethel Johns and Mabel Gray papers for presentation to the UBC Special Collections. In 1973 she completed a biography of Johns, *Watch-fires on the Mountains: The Life and Writings of Ethel Johns*. This is considered an outstanding biography of a Canadian woman, and Margaret used the proceeds of the book to endow the Ethel Johns and Isabel Maitland Stewart Scholarship Fund for the School.

Margaret Street received many honours for her contributions to nursing and health care, including the Queen's Silver Jubilee Medal in 1977, and investiture into the Order of Canada in 1982. She was also awarded the Walter Stewart Baird Medal for the best historical book on health sciences.

She is survived by her brother and many nieces and nephews.



PAUL JONES
BA'70, MA'75, MED'89

On November 28, 1993, Paul Jones, an advisor at the UBC Disability Resource Centre, passed away suddenly due to a coronary attack. He was 46 years old.

Paul was one of the first staff members to join the Disability Resource Centre, in March 1991, and performed a valuable role in the development of the Centre. As coordinator of services, he established the foundation for the services presently offered by the Centre for students with disabilities. He was also instrumental in developing policies and guidelines to promote the integration of persons with disabilities throughout the university and was actively involved in promoting universal accessibility.

Prior to joining UBC, Paul was a special needs advisor at Capilano College from 1981 to 1991. He was a sessional lecturer in the English department at UBC from 1979 to 1981.

Paul was active in the Pacific Transit Cooperative (Handi-Dart operation) and several committees for the DRC. The Paul Jones Memorial Lecture Series is being established; contributions may be made through the DRC.

I, in Missoula, Montana. After UBC, he earned his doctorate in inorganic chemistry and chemical engineering at Purdue in 1943. He participated in the Manhattan Project at the University of Chicago during WWII. His industrial work began at the National Research Laboratories in Ottawa. He continued in the US with WR Grace Co. in Baltimore, Harshaw Chemical and Addressograph-Multigraph in Cleveland and Great Lakes Research Corporation in Tennessee. He had over 40 patents to his name. He is survived by his wife of 47 years, Helen Clare, his daughters Nancy Ellen Fitch and Mary Frances Smith and six grandchildren. His sister **Jean Day** BA'39 and brother **H. Freeman Fitch** BA'46, MA'47 also survive him ... Commander **A.G. (Geoff) Ford** BAsc(MechEng)'51 on January 8, 1994 in Victoria. After doing postgraduate work at the Royal Engineering College, Plymouth, England and at the Royal Naval College in Greenwich, he went on to serve 28 years with the Royal Canadian Navy. Upon retirement from the forces, he practised in Victoria and St. John, New Brunswick, finally settling in Cobble Hill, where he became active in community affairs and golf ... **John Charles Huffman** BA'68 on January 20, 1994 at the age of 48. John was a member of the BCTF and the MRTA. He will be greatly missed by his family, friends, students and fellow teachers. Predeceased by his parents, Florence and "Buster" Huffman, he is survived by his loving wife Nancy, sons Tony and Taylor Van Nice and grandchildren, Cody and Caitlyn, aunt Marion Walker and numerous cousins ... **Kevitt Pownall Hughes** BA'49 on November 1, in Calgary ...

Leonidas C. Kelekis BA'51 on September 26, in Winnipeg. He had just celebrated his 65th birthday. Leo was active in the Greek community. He served for twelve years as president of the community in Winnipeg and helped in the drive to build St. Demetrios Church there. As a reward for his dedication and service, he was awarded The Order of Saint Paul by the Greek Archdiocese, one of the highest awards given by the church in North America. He served on the boards of many arts organizations and was president of the University of Manitoba Alumni Association in 1983. In 1955 he was called to the Manitoba Bar and opened his own law practice in 1957. He is survived by the many members of his family ... **Walter John Kitley** BA'49 on November 28, in his 80th year. A teacher and school principal for 40 years, he will be remembered as a mentor who gave generously of his time and counsel to family, students and colleagues. He served as president of the Greater Victoria Teachers' Association and the Greater-Victoria Music Festival. Walter was predeceased by his wife Patricia and is survived by his daughter Sheila and son-in-law Meron Simpson ... **David Koch** BAsc(ElecEng)'51 on November 6, in North Vancouver at the age of 74 years. David was a well-known BC professional engineer. He served overseas in WWII in the RCAF for 3 years in the Battle of Britain. He is survived by his wife Frances; sons **Roger** BSc'78, **Phil** and **Gary** BSc'83 and their spouses; four grandchildren and his sister **Mary Pander** ... **Leonard Mitchell** BA'40, MA'42 on June 21. A National Research Council Fellowship took him to McGill, where he was awarded a PhD in 1944.

He remained a year at McGill as research associate in continuing research on explosive and lignin projects. In 1945 he was appointed director of research in the pharmaceutical firm, FW Horner and retired from that firm as vice president after 40 years, in 1985. His brother, **David Mitchell** BA'35 died last spring ... **Terence Pitt O'Grady** LLB'49 on October 23. He served during WWII with the Merchant Marines as a radio officer. He was prosecutor and then solicitor for the City of Victoria for 15 years, then practised privately for many years. He was predeceased by his first wife Daphne. He is survived by his wife Brenda; son Richard; daughters Clodagh, Lefevre and Kate; sister Margaret and six grandchildren ... **Michael Ry-chkun** BAsc(MechEng)'59 on February 25, 1993 ... **Helen R. (Whiteside) Smith** BA'25 on November 19, in Saanich ... **Joan (Gore) Spring** BAsc(Nurs)'50 in November. Joan was a nursing graduate of the Sick Children's Hospital in Toronto. She worked at Kelowna General for several years before serving overseas as a lieutenant/nursing sister in the RCAMC. On her return to UBC she completed her degree and taught nurses at the Royal Columbian Hospital in New Westminister until her retirement. She is survived by her husband Albert Spring and is missed by all who knew her ... **Gloria (Kendall) Whelen** BCom'47 on October 5, at the age of 67. She will be missed by her husband **George E. Whelen** LLB'58 and her son John ... **Walter Wiesner** BAsc(ChemEng)'51 on June 11. He is survived by his wife **M. Diane (Alsbury) Weisner** BHE'56 ... **Clara Maud Wilson** BA'33, BEd'58 on September 17.

PETER D. SEATON
LLB'50




(Born in Vernon in 1924. He joined the RCAF in 1942 and served until 1946. He was called to the bar in 1950, was appointed to the Supreme Court of BC in 1966 and to the Appeals Courts of BC and the Yukon in 1973.)

He could tell a good story. His eyes would crinkle at the corners and sparkle light while his hands moved across the desk, fingers edging paper into piles, his voice filled with the wonder of the world and the life he had lived. And laugh. A high, quick,


heartfelt sound that came easily and without reflection.

He was fiercely independent, thoughtful, just and caring. He was proud of where he came from and passionate about where he was going, and we loved him. The law clerks, lawyers, secretaries, staff: all of us wrapped up in the intensely personal experience of knowing him. He found the best in all of us and without us knowing it, showed it to us.

When Peter Seaton died skiing in the Okanagan last December, he was within a few miles of where he and his brother and his father and his wife and so many others of his family were born, and I can't help but think that, somehow, that was right. But I miss him, kind counsel. We all do. *Patrick Lewis*



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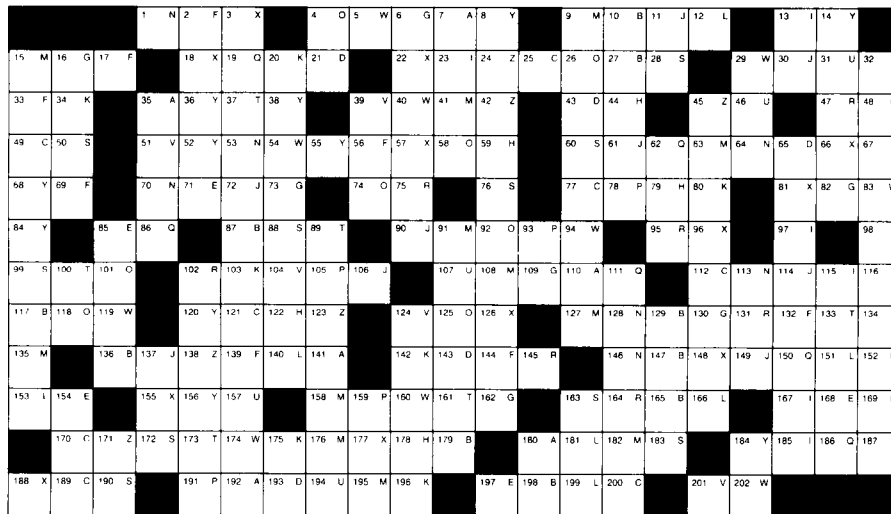
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ALUMNI ACROSTIC PUZZLE

by Mary Trainer



When properly filled, the letters in the box form a quotation from a book written by a UBC person. The first letters of each clue, reading down, form the name of the author and title of the book. Solution next issue.

Complete the puzzle and return it to us by April 30, and you may win a swell prize like the Alumni key chain shown on page 15.

- A. Hiking route:
Alexander Mackenzie
_____ Trail
141 110 180 192 35 7
- B. Barbara Frum quip re
constitution wrangle:
"_____ about nothing!";
3 wds.
67 87 179 129 10 136 117
198 147 27 165
- C. Okanagan Valley community
77 49 189 121 170 112 200
25
- D. Continental accord
(acronym)
193 143 21 65 43
- E. Early period of
development
154 85 71 197 168
- F. Bringing back to life
33 17 2 139 144 56 132
69
- G. Lift forcefully
from beneath
109 130 16 73 82 6 162
- H. _____ Arabia
44 79 178 59 122
- I. _____ of Georgia
23 167 115 185 97 13
- J. Ma Murray's paper guaranteed
"a chuckle _____ and a belly
laugh once a month."
30 61 114 72 137 90 11
149 106
- K. Formed a froth
20 196 80 103 34 175 169
142
- L. Amazing 1992 Olympic
rower from Victoria
153 181 151 166 199 140 12
- M. WWII poster: "Save to
beat the Devil! Buy
_____"; 2 wds.
41 176 127 15 91 63 158
9 108 135 195 182

- N. "The Montreal _____
can no more have a deficit
than a man can have a baby."
(Drapeau)
128 152 64 113 53 1 146
70
- O. Silver Donald Cameron's
book "Seasons _____";
3 wds.
125 26 101 48 58 92 118
74 4
- P. "I wish I could
_____ myself."
(Vander Zalm)
191 93 159 105 78
- Q. Spread out
111 150 86 19 186 62
- R. On endangered species
list: 2 wds.
75 145 131 32 102 47 95
164
- S. 1991 bestselling fiction
book in Canada:
"Lives _____"; 3 wds.
99 163 50 88 60 172 76
116 190 183 28
- T. Salt of nitrous acid
100 133 173 161 37 187 89
- U. Chewy candy
157 194 31 46 107
- V. Girl's name
124 51 201 39 104
- W. Tilley _____ Inc.
174 119 94 160 83 40 29
54 5 202
- X. Might be seen in the
Elk Valley: 2 wds.
155 22 18 66 177 148 57
126 96 3 188 81
- Y. Finance cartoon caption:
"A fool and his money
_____"; 3 wds.
36 8 156 120 14 134 68
84 55 52 184 38
- Z. Conceded
171 45 138 24 123 42 98

Winter solution: "Now I am driving the gorgeous scenic stretch from Haines to Tok with my sleeping bag over my knees and my camera dormant in the case. All Around me there are towering spectacular mountain peaks, although they are completely socked in with fog." Woodward, **Alaska Highway Two-Step**.

Winners: N. Parker, Vancouver; R. Arnaud, Victoria; M. Smith, Winfield; J. Rhodes, Gabriola; K. Apps, Edmonton; A. Leask, CA.

VECTOR CALCULUS 254 THERMAL PHYSICS 203 PHILOSOPHY 393 INTENSIVE RUSSIAN 110

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Previous Employer's Address _____ City _____ Province _____ Postal Code _____

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Married Divorced Widowed Name of Spouse's Employer _____ Number of Years _____ Spouse's Occupation _____ Gross Monthly Salary \$ _____

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Make of Automobile _____ Year _____ Province _____ Driver's License Number _____

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