



## UBC honors 13 Canadians

# Lewis, Karsh to get honorary degrees

By GAVIN WILSON

Former United Nations ambassador Stephen Lewis and photographer Yousuf Karsh are two of the 13 distinguished Canadians to be awarded honorary degrees by UBC at congregation ceremonies this year.

Nine honorary degrees will be presented at Spring Congregation, May 28-31, to Lewis, Nobel Prize-winning scientist Sidney Altman, educator Ted Tetsuo Aoki, baroness Lydia Dunn, social worker Patricia Fulton, Rivtow Straits President Lucille Johnstone, B.C. Tel Chairman Gordon MacFarlane, landscape architect Cornelia Oberlander and native leader Elijah Smith.

Four more honorary degrees will be awarded during Nov. 28's Fall

Congregation to Karsh, opera singer Judith Forst, Acadian writer Antonine Maillet and feminist academic Dorothy Smith.

The following will receive degrees at Spring Congregation:

— Canadian-born Sidney Altman is a molecular biologist at Yale who won the 1989 Nobel Prize in Chemistry for his discovery that RNA, thought to be a passive carrier of genetic code, can actively engage in chemical reactions.

— Ted Tetsuo Aoki is an influential figure in Canadian education. Born in Cumberland, B.C., he became an

education professor at the University of Alberta, where he pioneered the New Social Studies. Aoki also started UBC's Curriculum Centre in the Faculty of Education.



Antonine Maillet

— Baroness Lydia Dunn has received wide international recognition for her work as Chair of the Hong Kong Trade Development Council, which sets policy for Hong Kong's export-based economy. She has also played a major role in administration of the British Crown Colony.

— Gordon MacFarlane is chairman of the board of the B.C. Telephone Company and, from 1977 to 1990, was

also the company's chief executive officer. He is known for his commitment to the community and the university.

— Patricia Fulton is one of the pioneer social workers in B.C. During a long and distinguished career, she was vice-president of both the Canadian Council on Social Development and the Vanier Institute of the Family.

— Lucille Johnstone began her career as a tug dispatcher with Rivtow Straits Ltd., rising to become president and chief operating officer. During her 40 years with the company,

she has developed it into a diversified business employing 1,500 people.

— Stephen Lewis served as Canada's ambassador to the United

Nations from 1984 to 1988. Always outspoken and eloquent, Lewis has had careers as a newspaper columnist, broadcaster, politician, lecturer, commentator and labor arbitrator.

— Cornelia Oberlander is considered Canada's most distinguished landscape architect as well as a community worker, writer and lecturer. For 40 years she has collaborated with

See NOBEL on Page 2



Ted Tetsuo Aoki



Photo by Media Services

Dominique Major, of the Department of Anthropology and Sociology, gives a demonstration of Indonesian shadow puppets during Indonesia Day at the Asian Centre.

## University set to provide childcare

UBC will assume responsibility for childcare services on campus starting in July.

"The children, their families and childcare workers can best be served if the university itself accepts full responsibility for child services," said K.D. Srivastava, UBC's vice-president of student and academic services.

Operation of the 12 daycare centres on campus is currently being administered by the UCS Childcare Society which is composed of various non-profit agencies. Srivastava said that maintaining administrative continuity under the current system was difficult with the volunteer boards of each centre often changing every 18 months.

To maintain continuity of service during the administration transfer, the society will continue its operation until June 30, 1991.

Under the new arrangement, Srivastava said services will be improved

to include a professional childcare administrator and further development of existing parent advisory committees to assist with programming. Provisions will also be made for existing childcare workers to continue their employment in the university-operated centres.

"Our goal is to create a framework for affordable childcare which can expand as new models of childcare delivery are developed in the future," said Srivastava, who emphasized that fees would remain comparable to those currently being charged. "It wouldn't make much sense to have a great childcare service on campus that wasn't affordable to students."

Srivastava added that service to students, faculty and staff would remain a priority of campus childcare. He also expressed hope that families currently using the childcare facilities on campus would continue to do so.

## Inside

**HIGH PERFORMANCE:** Upcoming congress on sports medicine looks at sports, medicine and health. *Page 3*

**WAR:** Canadian historical attitudes towards war are examined by UBC political science professor. *Page 6*

**COMMERCE INTERNS:** A new program helps students gain practical experience with major corporations. *Page 8*

## Donors recognized at gala event

Lt.-Gov. David Lam and other "Builders of UBC's Future," including members of the Wesbrook Society, will be honored at a ceremony and gala dinner, April 11.

The celebration will mark the start of construction on the David Lam Management Research Centre and the progress of other building projects on campus funded by the World of Opportunity campaign.

As it enters its final year, the campaign has already raised a total in excess of \$180 million — more than \$90 million from individuals, foundations

and corporate donors, and a similar amount from the provincial government's matching gift program — making it the largest university fund-raising campaign in Canadian history.

The ceremony and dinner are the university's first opportunities to show campaign supporters how their donations are having a tangible impact both on the academic side and



Hon. David C. Lam

on the physical campus.

Donors to all building projects on campus will be honored, as well as donors to academic chairs, scholarships, professorships and endowments. Invited guests include campaign donors, members of the Wesbrook Society and representatives of the B.C. government, including Bruce Strachan, Minister of Advanced Education, Training

and Technology.

The festivities begin with a 5 p.m. concrete pouring ceremony at the site of the David Lam Management Centre, at Main Mall and Agricultural Road.

Following the ceremony, a reception and dinner will be held in the War Memorial Gym, beginning at 6 p.m.

The World of Opportunity campaign was launched just over two years ago to help boost the university's international standing by providing urgently-needed financial resources. Construction of new buildings funded by the campaign has recently begun at several locations on campus.



## Letters to the Editor

March 11, 1991

Editor,  
UBC Reports

Dear Sir,

I am writing to register my objection to the headline which introduced the March 7 article describing the research project I am currently directing. The headline—"Profession Under Scrutiny in Study"—gives a false impression of our project's objective. Our research is NOT scrutinizing the profession of pharmacy, but rather it is evaluating a particular methodological approach. We are gathering data to ascertain the reliability, validity, acceptability and feasibility of proposed instruments and procedures which MAY be used at some time in the future in relicensing decisions. We are not making any judgements about individual pharmacists.

The headline is potentially damaging in a number of ways. It directly contradicts what I have been telling members of the pharmacy profession for the past five years. Furthermore, it could be misinterpreted that pharmacy was chosen for this project because of perceived sub-standard performance. Nothing could be further from the truth. The standards of practice for pharmacy are no different than they are for any other profession in British Columbia. The facts are that the profession of pharmacy in this province has an extensive quality assurance program that has been voluntarily developed over decades. Our project is a profession-initiated evaluation of possible refinements to some of the current approaches. As a result of their relicensing initiatives, pharmacists in British Columbia are nationally and internationally recognized for leadership in developing programs to insure the quality of services delivered to the public.

David W. Fielding, Ed.D.,  
Associate Director  
The Division of Continuing Pharmacy Education  
Faculty of Pharmaceutical Sciences

# Centre will look at survival of animal species in forests

By ABE HEFTER

UBC has announced plans to create a Centre for Applied Conservation Biology.

Clark Binkley, dean of the Faculty of Forestry, said the centre would provide the necessary education, research and public information on how concerns of conservation biology apply to forests.

"Evidence is mounting that current levels of forest-based economic activity cannot be sustained without changes in current policies," said Binkley. "Environmental concerns grow daily, especially for the maintenance of biological diversity. Nowhere are principles of conservation biology knowledgeably applied to land management."

Applied conservation biology includes the study of certain animal species in order to determine which attributes of forest structure are important for their survival.

Upon approval, the centre will house three related efforts: an education program targeted for specific audiences critical to sustainable land management, including managers of parks and natural areas, professional foresters, the public and the media; policy conferences to bring together scientists, land managers, policy makers and environmental, non-government organizations to critically examine problems related to land management practices and policies; and a significant program of research in conservation biology applied to the ste-

wardship issues facing B.C. and other forested areas.

"The benefits of solutions to these problems will extend well beyond the borders of this province," said Binkley. "British Columbia comprises a key component of important international ecosystems that extend throughout the rest of Canada, the U.S., Europe and Asia. Education and research in B.C. on applying the principles of conservation biology in this province will have broad impact throughout the world."

The centre would be affiliated with the Faculty of Forestry at UBC and would include faculty members from other departments, such as zoology, biology, anthropology and sociology. An advisory board for the centre will be drawn from domestic and international representatives of the forest in-



Clark Binkley

dustry, public conservation organizations, the Ministry of Forests, the Ministry of the Environment, Forestry Canada, the Canadian Wildlife Service and the academic community.

# Nobel prize winners included in honors

Continued from Page 1

internationally acclaimed architects, such as Arthur Erickson and Moshe Safdie.

— Elijah Smith is recognized in the Yukon not only as the pre-eminent native elder, but as one of the great Yukoners of all time. He helped unite Natives throughout the Yukon and set a national precedent by getting the federal government to negotiate land claims.

The following will receive honorary degrees in November:

— Judith Forst, a UBC music graduate, is one of Canada's

leading opera singers. She has sung with many opera companies and symphonies in North America and abroad, including the New York Metropoli-

tan Opera.

— Yousuf Karsh is one of the world's most famous photographers, known primarily for his distinctive portraits of many of the 20th century's most prominent people. Karsh portraits hang in museums and galleries all over the world.

— Antonine Maillet is a major contemporary Canadian novelist, playwright, folklorist and the leading writer of Acadia, the Franco-phone Maritimes. She teaches at Laval University.

— Dorothy Smith, a professor in the Department of Sociology in Education at the Ontario Institute for Studies in Education in Toronto, is known internationally for her groundbreaking work in feminist epistemology and methodology.



Sidney Altman

## ?? CONFUSED ABOUT YOUR PENSION AND RETIREMENT OPTIONS??

*You're Invited to a*

### Retirement Income Seminar

At this Seminar you will learn how to:

- Maximize Pension Income
- Minimize the Tax Bite

Please circle this date on your calendar:

Day: **Wednesday**

Date: **May 1, 1991**

Time: **7:30 p.m. to 9:00 p.m.**

Place: **UNIVERSITY GOLF CLUB**  
5185 University Boulevard  
Vancouver, B.C.

\*P.S. There is no fee. However, pre-registration is required.

Call Lynne Nickford at 688-7208 to register.



### ZLOTNIK, LAMB & COMPANY

Annuity and R.R.I.F. Brokers

1200 Park Place, 666 Burrard Street  
Vancouver, B.C. V6C 2X8

(604) 688-7208 Toll Free Line 1-800-663-3171

RETIRING FROM UBC IN THE NEAR FUTURE?  
CALL TODAY FOR INFORMATION.

## Yes we can!

• **AV RENTALS:** Rent you an overhead, a film or slide projector, screen, TV, VCR, cassette deck, CD player, some PA equipment, a turntable, amplifier, speakers, or a VHS camcorder • **AV REPAIRS:** Repair or service your AV, audio, or video equipment • **AUDIO & VIDEO TAPE DUPLICATION:** Copy your audio or videotapes, transfer between formats, & supply your blank tapes, projector lamps, etc. • **AUDIO PRODUCTION:** Create a soundtrack for your slide-tape, radio or video program, create & record your customized music, record your interview, edit your existing recordings or re-mix your sub-standard recordings • **TELEVISION PRODUCTION:** Produce your television programs, record in our studio or on location, broadcast your tele-courses, video record your interviews, lectures, visiting guests, special events, etc., produce a documentary of your research activities, edit existing tapes adding your own material, work with our staff or use our self-help facilities • **TELECONFERENCING:** Access instructional television programming, special seminars, international conferences, etc., via satellite from around the world & have it connected via the CCTV cable to a lecture hall's projection TV, set-up your audio conferences or slow-scan video transmissions • **ASSIGNMENT PHOTOGRAPHY:** Photograph your building, labs or equipment, awards presentations, research activities, visiting conference groups or public relations activities • **STUDIO PORTRAITURE:** Provide you with a fast business portrait, a formal classic portrait or your ID & passport photographs • **CUSTOM LAB WORK:** Enlarge & print your negatives, shoot your inter-negs, copyslides, overhead transparencies and lecture slides, produce your contact sheets, proofs, PMT's, etc. • **ECONOMY PHOTOFINISHING:** Print your colour or b&w films, process your slide film & duplicate your transparencies • **FULL COLOUR PHOTOCOPIES:** Print from your slides, copy your illustrations, duplicate your artwork, reproduce your posters, enlarge (or reduce) your coloured maps, drawings, graphs, etc. • **HIGHSPEED PHOTO-COPYING:** Copies of your thesis, reports, course handouts, manuals, etc., enlargement and reduction of your originals onto paper or film • **INSTA-PRINT DUPLICATION:** Print your advertising flyers, pamphlets, reports, newsletters, booklets, internal forms, labels, etc. • **OFFSET PRINTING:** Reproduce your certificates, invitations, file cards, brochures, covers, forms, catalogues, inserts, flyers, etc. • **FINISHING:** Do your collating, gathering, drilling, folding, stitching, ceroloxing, perforating, scoring, cutting, taping, padding, shrink wrapping, labelling, stuffing, inserting & metering • **UBC STATIONERY:** Print your letterheads, business cards, envelopes, noteheads, memo sheets, & compliment slips, etc. • **GRAPHICS:** Design your brochures, posters, newsletters, banners, logos, etc., layout & paste-up your artwork, re-draw your graphs, charts & tables to publication standards • **ELECTRONIC PUBLISHING:** Produce type for your book, design & typeset your material for publication, work on your resumé, desktop publish your newsletter, handle your disk conversions, laserprint your proofs, provide your high-quality typeset output, etc. •

UBC Media Services, Third Floor LPC  
2206 East Mall, UBC Campus, 228-5931



Photo by Media Services

These able-bodied students got a chance to experience life in a wheelchair during the School of Rehabilitation Medicine's annual wheelchair obstacle race held March 21. The event, part of the school's National Physiotherapy Week activities on campus, is designed to raise awareness of how being confined to a wheelchair impacts on a person's lifestyle.

## Work hazards studied

The Workers' Compensation Board has awarded a grant to UBC's departments of Health Care and Epidemiology and Medicine to study the effects of cobalt and other metals on sawmill saw filers.

In particular, the study will measure exposure levels and lung infection in saw filers.

"Cobalt is thought to be a skin and respiratory sensitizer, and has been implicated in occupational asthma," said Dr. Susan Kennedy, one of three UBC researchers conducting the study.

Kennedy, a professor in the Respiratory Division of the Department of Medicine, added that cobalt is also associated with hard-metal pneumoconiosis, a disease involving scarring of lung tissue which can lead to per-

manent respiratory impairment.

The industrial hygiene aspects of this collaborative study are being investigated by Kay Teschke, a professor in the Division of Occupational and Environmental Health in the Department of Health Care and Epidemiology.

According to Teschke, most saw blade tips used by industry tradespeople are manufactured from tungsten carbide or hardened steel, with an increasing number made from stellite. Cobalt is usually present in low concentrations in tungsten carbide and high-speed steel alloys, and in greater concentrations in stellite.

In addition to measuring cobalt levels, the year-long study, which targets selected sawmills in B.C., will also

# Congress looks at maintenance of high performance bodies

By ABE HEFTER

In order to get ahead on the playing field, endurance athletes have often turned to the dinner table and high carbohydrate diets. An athlete on a high carbohydrate diet is able to exercise for a longer period of time at a given intensity. However, the rules regarding the dietary aspects of endurance performance are being refined.

"Athletes are often advised to obtain 60-70 per cent of their energy from carbohydrates," said Professor Susan Barr of the School of Family and Nutritional Sciences. "However, one standard cannot be used for all endurance athletes."

Barr will look at the nutritional aspects of sports performance at the International Congress and Exposition on Sports Medicine and Human Performance April 16-20. The event is taking place at the Vancouver Trade and Convention Centre.

Barr will focus on the needs of the endurance athlete when she addresses an April 20th workshop.

There has been a tendency not to distinguish the needs of athletes training at both ends of the endurance range, said Barr.

"In the past, the marathon, taking about two to three hours for accomplished athletes to complete, was regarded as the ultimate in endurance events. Research relating to endurance exercise used this timeframe in experimental studies, but things have changed over the last 10 to 15 years."

Barr said more and more recrea-

tional athletes are training for and participating in endurance events that can last anywhere from eight to 24 hours. "Dietary advice, with regard to carbohydrate intake, for example, must be tailored appropriately to the needs of

ing up to seven hours of intense cycling per day) have much greater needs for carbohydrates than do cyclists training for one or two hours each day.

Barr said a high carbohydrate diet is certainly important for endurance athletes. Indeed, carbohydrates form the cornerstone of any good diet. However, recent research indicates that the extremely high intake needed by the ultraendurance athlete is not required by athletes training for shorter time periods. As a result, most endurance athletes can obtain adequate amounts of carbohydrate without resorting to extreme dietary measures, which may have other negative nutritional consequences, she said.

Barr is one of several UBC faculty members who will take part in the congress, which will be chaired by Gordon Matheson, a UBC professor of sports and rehabilitation medicine.

The inaugural event will take an in-depth look at the science and medicine of human performance in three themes: sports injury and rehabilitation; medicine, exercise and health; and exercise and science.

Dr. Doug Clement, co-director of UBC's Allan McGavin Sports Medicine Centre, will address the theme of exercise, medicine and health. His topic: the skills (and thrills) of a sports medicine practitioner in the 1990s: Are we on the threshold of change? Dr. Clement is scheduled to be joined by more than 70 faculty from around the world who will speak on sports medicine.



INTERNATIONAL CONGRESS AND EXPOSITION ON SPORTS · MEDICINE AND HUMAN · PERFORMANCE

APRIL 16-20, 1991

Vancouver Trade and Convention Centre  
British Columbia, Canada

the individual," she added.

The amount of carbohydrate intake needed would appear to go hand in hand with both the duration and intensity of the exercise, said Barr. For example, cyclists participating in the Tour de France (a three week event involv-

determine which factors influence exposure levels and the acute pulmonary effects of such exposure.

Personal air monitoring techniques

will be used to analyze cobalt levels present in aerosols created by preparing saw tips. Cobalt levels in cutting fluid will also be analyzed.

As well, the study will measure exposure of saw filers to numerous other metals, including lead, copper, nickel and chromium.

# Loyal hackers and dutiful duffers

By RON BURKE

It's been a UBC tradition for the last 34 years. It encourages mature adults to dress up in loud clothing. It's fun. It's UBC's Annual Faculty and Staff Golf Tournament.

As a yearly antidote to the perils of serious business, various members of the campus community have been teeing off with each other since 1957. Players of all skill levels are welcome, from divot-digging novices to sweet-swinging veterans. Norm Watt, UBC's long-time director of Extra-Sessional Studies, and tournament organizer, says

Tournament has colorful history

the event averages about 70 players per year, with scores ranging from the high 70's to well over 100.

This year's edition hits the links at 11 a.m. on Thurs., April 25 at McCleery Golf Course on Southwest Marine Dr.

"We have it on a Thursday so the M.D.'s can play," chuckled Watt.

Over the years, the tournament has seen

its share of colorful characters, off-color jokes and just plain ugly clothing.

Watt reports that Frank Gnuip, UBC's hard-rock football coach from 1955-72, and Dr. Eric Webb, of anaesthesiology, used to battle it out every year for ugliest outfit and worst joke outfit.

"They also loved to be irreverent to UBC's then-president, Norman MacKenzie, who always participated" said Watt. "The only one who loved it more was the president himself."

More recent loyal hackers include Jim Richards, dean of Agricultural Sciences. The dean is credited with the only hole-in-one in tournament history, though as Watt points out in his own irreverent style, "Let's face it, it was a fluke."

Richards says the tourney is a good way to meet people from other parts of the univer-

sity and that the accent is on fun and participation.

"One year I even dashed back to campus for a committee meeting between playing the front and back nines," he said.

This year's tournament marks the end of an era. Committee chair Watt, who retires

from UBC in November, will pass his official duties on to another dutiful duffer.

"I've been playing in the tournament since '61 and chairing the committee for the last five years," said Watt.

Chair of the tournament committee is a prestigious appointment. Watt points out that after careful selection, the honor inevitably goes to "the person with the photocopier."

No doubt the tournament will be poorer for Watt's departure. He is one of those long-time UBC personalities whose extracurricu-

AROUND & ABOUT

lar contributions make them part of the fabric of the university.

Entry fees for the tournament are \$36 for adults and \$26.50 for seniors. Both prices include green fees, dinner at the Faculty Club and a prize. For more information, call 822-2581.


The golf tournament provides an early kick-off to an active weekend around campus. On Sat., April 27, University Hospital's second annual Pacific Spirit Run starts at 9 a.m. on East Mall, near 16th Ave. The combination 10-kilometre run and five-kilometre family walk is a fundraiser for the University Hospital Foundation. The course runs through the wooded trails of Pacific Spirit Regional Park. For more information, call 822-7864 or 875-2018.

Then on Sun., April 28, the second annual ManuLife Ride for Heart gets underway at 8 a.m. near the Thunderbird Winter Sports Centre. This family oriented bike ride (not a race) is a fundraiser for the Heart and Stroke Foundation. The 50-kilometre course winds through Vancouver and finishes back at UBC. For more information, call 736-7433.

**April 7 –  
April 20**

**MONDAY, APR. 8**


**BC Cancer Research Seminar**  
Cellular Heterogeneity In Solid Tumours: Impact On Radiation-And Chemotherapy. Dr. Dietmar Siemann, Director, Experimental Therapeutics Division/Associate Director, U. of Rochestre Cancer Center. BC Cancer Research Centre Lecture Theatre from 12-1pm. Call 877-6010.

**Paediatrics Research Seminar**  
 Detecting Genetic Alterations In Childhood Neoplasia. Dr. Doug Horsman, Cytogenetic/DNA Laboratory, BC Cancer Agency, University Hospital Shaughnessy Site lecture theatre at 12noon. Refreshments from 11:45am. Call 875-2492.

**Health Policy Research Unit Seminar Series**  
Quality Assurance Evaluation In Elder Care. Dr. Margaret MacAdam, Ph.D., Bigel Institute of Health Policy, Heller School, Brandeis U. IRC #414 at 12noon. Call 822-4969.


**Biochemistry Seminar**  
Leukotriene Synthesis: Targets For Therapies For Asthma And Inflammatory Diseases. Dr. Jilly Evans, Associate Director of Pharmacology, Merck Frosst Centre for Therapeutic Research. IRC #3 at 3:35pm. Call 822-5925.

**Classics/Archaeological Institute Of America.**

 Illustrated Lecture: Balloon Archaeology. Three Ancient Capitan Cities from the Air. J. Wilson Myers, Research Professor, Boston U. Museum of Anthropology Theatre at 8pm. Call 822-2889.

**TUESDAY, APR. 9**

**Psychiatry Lecture**  
Course/Treatment Of Psychiatric Illness In Pregnancy. Dr. Lee Cohen, Assistant Professor, Harvard Medical School, Clinical Psychopharmacology Unit, Massachusetts General Hospital. VGH/UBC Eye Care Centre Auditorium from 8:30-9:30am. Call 228-7314.

**Botany Seminar**  
 Molecular Genetic Dissection Of The Biosynthesis And Function Of Membrane Lipids In Arabidopsis. Dr. Chris Somerville, MSU/DOE Plant Research Lab, Michigan State University. BioSciences 2000 at 12:30pm. Call 228-2133.

UBC Reports is the faculty and staff newspaper of the University of British Columbia. It is published every second Thursday by the UBC Community Relations Office, 6328 Memorial Rd., Vancouver, B.C., V6T 1W5. Telephone 822-3131. Advertising inquiries: 822-4775. Managing Editor: Steve Crombie Ass't Editor: Paula Martin Contributors: Ron Burke, Connie Filletti, Abe Hefter, Charles Ker, and Gavin Wilson.




*Please  
recycle*

**CALENDAR DEADLINES**

For events in the period Apr. 21 to May 4, notices must be submitted by UBC faculty or staff on proper Calendar forms no later than noon on Tuesday, Apr. 9 to the Community Relations Office, 6328 Memorial Rd., Room 207, Old Administration Building. For more information call 822-3131. The next edition of UBC Reports will be published Apr. 18. Notices exceeding 35 words may be edited.

**Oceanography Seminar**  
Regulation Of Protein Phosphatases By Marine Toxins And Tumor Promoters. Charles Holmes, Biochemistry, U. of Alberta. BioSciences 1465 at 3:30pm. Call 822-2317.

**Interfaith Symposium**  
 Voices Out Of Silence: The Testimony Of Our Mystics. St. Mark's College from 7:30-9:00pm. Call 224-3311.


**WEDNESDAY, APR. 10**

**Economics Seminar**  
Debt/Credit In Rural England Before Country Banking. Peter Spufford, Cambridge U. Buchanan Tower 910 from 4-5:30pm. Call 822-2876.

**Microbiology Seminar Series.**  
Use Of A Cellulose-Binding Domain For Affinity Purification Interleukin 2. Jeff Greenwood, Microbiology, UBC. Westbrook 201 from 12:30-1:30pm. Call 228-6648.

**Asian Pacific Seminar**  
Is There An Asian Pacific Community Out There: Prospects And Pitfalls. Don Waterfall, Director, North Asia Relations Division, External Affairs, Ottawa. Asian Centre 604 from 12:30-1:30pm. Call 822-6292.


**THURSDAY, APR. 11**

**Phusics Special Colloquium**  
 Electricity from Sunlight: An Electrical Utility Option By 2010? George D. Cody, Exxon Corporate Research Laboratory, Annadale, New Jersey. Hennings 318 at 4pm. Call 228-3853.

**Obstetrics/Gynaecology Research Seminar**  
Cyclic Nucleotide Signal Transduction Enzymes In The Brain. Dr. Steven Vincent, NeuroSciences, UBC. Grace Hospital 2N35 from 1:30-2:30pm. Call 875-2334.


**FRIDAY, APR. 12**

**Economics Departmental Seminar**  
Aspects Of Nonexpected Utility And Asset Pricing. Stanley Zin, Carnegie-Mellon U. Brock Hall from 4-5:30pm. Call 822-2876.

**Obstetrics/Gynaecology Grand Rounds**  
 Unexplained Infertility. Professor Ian Cooke. U. of Sheffield. Shaughnessy Hospital Lecture Theatre D308 at 8am. Call Dr. Bryans at 875-4268.

**Paediatrics Grand Rounds**  
Office Paediatric Gynecology. Dr. Peggy Yakimov, Paediatric Gynecologist. G.F. Strong Reghab. Centre Auditorium at 9am. Call 875-2118.


**MONDAY, APR. 15**

**UBC Doctoral Lecture/Recital**  
 Terence Dawson, piano. Admission free. Music Recital Hall at 8pm. Call 228-3113.

**BC Cancer Research Centre Seminar**  
Molecular Factors Influencing Initial Damage By Ionizing Radiation. Dr. Danuta Wlodek, Medical Biophysics Unit, BCCRC. BC Cancer Research Centre from 12-1pm. Call 877-6010.


**Paediatrics Research Seminar**  
T.B. Or Not T.B.-Some Factors Influencing The Susceptibility/Resistance Of Inbred Strains Of Mice To Mycobacterial Infection. Dr. Richard Stokes, Research Associate, Paediatrics, UBC. University Hospital Shaughnessy Site D308 at 12noon. Refreshments from 11:45am. Call Dr. Josef Skala at 875-2492.

**Biochemistry Seminar**  
Structure-Function Analysis Of Mammalian Aldolases By Protein Crystallography And Site-Directed Mutagenesis. Dr. Jurgen Sygusch, Biochemistry, U. of Sherbrooke. IRC #3 at 3:45pm. Call Dr. Gary Brayer at 822-5925/5216.

**Economics Departmental Seminar**  
 Demand For And Return To Education When Education Outcomes Are Uncertain. J. Altonji, Northwest U. Brock Hall 351 from 4-5:30pm. Call 822-2876.

**TUESDAY, APR. 16**

**Medical Genetics Seminar**  
Interplay Between Growth Factors Regulating Normal Hemopoiesis And Inflammatory Responses. Dr. John W. Schrader, Director, Biomedical Research Centre, Professor, Medicine. IRC #1 at 8:30am. Call 822-5311.

**Neuroscience Discussion Group**  
 The Role Of Insulin, Acting In The Brain, On The Control Of Food Intake And Body Weight. Dr. Stephen Woods, Psychology, U. of Washington. University Hospital, UBC Site, ACU G279 at 4pm. Call 822-2330.

**APPS Forum**  
Life In A Professional Union. Mr. Ed Lavalle, President, College Institute Educators of BC. Graduate Student Centre Banquet Room from 12:30-1:15pm. Call 228-4310.

**Interfaith Symposium**  
Personal Reflections/Recollections of a Child Survivor Of The Holocaust In France. Rene Goldman. St. Mark's College from 7:30-9pm. Call 224-3311.


**WEDNESDAY, APR. 17**

**Microbiology Seminar Series**  
Topic To Be Announced. Joan Shellard, Microbiology, UBC. Westbrook 201 from 12:30-1:30pm. Call 228-6648.

**THURSDAY, APR. 18**

**Psychiatry Lecture**  
Issues In The Treatment Of Anxiety: Drug Use, Dependence, Abuse And Addiction. Dr. John M. Davis, Gilman Professor. Psychiatry/Research Professor, Medicine, U. of Illinois, Chicago. Director Research, Psychiatric Unit, Illinois State Hospital. University Hospital, UBC Site Detwiller Pavilion 2NA/B. Time to be announced. Call 228-7314.

**THURSDAY, APR. 18**


**Obstetrics/Gynaecology Research Seminar**  
 Endocrine Regulation Of Normal Breast And Breast Cancer. Dr. Joanne Emerman, Anatomy, UBC. Grace Hospital 2N35 from 1:30-2:30pm. Call 875-2334.

**FRIDAY, APR. 19**


**Obstetrics/Gynecology Grand Rounds**  
Menorrhia-A Time For Re-Evaluation. Dr. Robert Shaw, London, England. Shaughnessy Hospital Lecture Theatre D308 at 8am. Call 875-2171.

**Paediatrics Grand Rounds**  
Renal Transplantation In Small Infants And Children. Dr. Paul Grimm, Attending Physician, Paediatrics, Paediatric Nephrology, UCLA School of Medicine. G.F. Strong Rehab. Centre Auditorium at 9am. Call 875-2118.

**SATURDAY, APR. 20**

**Regent College Conference**  
 Resolving Perplexities: The Experience Of Chinese In North America Today. Dr. Samuel Ling, Rev. Wally Yew, Rev. Wayland Wong, Dr. Michael Griffiths. Regent College Auditorium from 9am-5:30pm. Students \$20, Others \$35. Call 224-3245.

**NOTICES**

**Campus Tour**  
 Spring break tours for high school students April 3, 4, 5. Free guided walking tours are being offered for prospective undergraduate students to familiarize them with UBC programmes/facilities. Tours leave from Brock Hall 204D at 10am. Call 822-4319.

**International House Reach Out Program**  
Local students correspond with international students accepted to UBC. Act as contact and provide useful information to incoming students while making global friends. Canadians and Internationals welcome. Call 228-5021.

**Carpool Matching**



Send both your home and work addresses and both telephone numbers; your working hours; whether you have a car and if you smoke while driving, to Karen Pope, Dean's Office, Applied Science. When a carpool match is found, the information will be sent to you. Call 822-0870.

**UBC Speakers Bureau**

Would your group like to know more about topics ranging from Acid Rain to Preventing Coronary Disease? More than 500 topics to choose from; most speakers are available free of charge. Call 822-6167. Mon., Tue., Fri., 9am-12noon.

**Museum of Anthropology**



Exhibition extended: Portraits of BC Native leaders, chiefs, chief counsellors and elders by Kwagwilt photographer David Neel. Now open in the new West Wing: The Koerner Ceramics Gallery. Closed Monday. Call 822-5087.

**Executive Programs**

One/two-day business seminars. April 7-20 series includes: new Manager Guidelines, \$450. Employment Law, \$450. Grievance Handling, \$695. Inventory management, \$595. Pricing for Profit, \$475. Financial Statement Analysis, \$550. Call 822-8400.

**English Language Institute**

Professional Development Series for Language Teachers April workshops: Music in the Language Class; Current Events; Language Class. Tuesday evenings from 7-9pm. Call 222-5208.

**ESL Evening Classes**



The English Language Institute offers Conversation Skills, Advanced Discussion, Speaking and Debating, Fluency and Pronunciation, Writing/Grammer, Practical Writing for Business and TOEFL Preparation. Classes begin April 15 or 16 and run twice a week for 8 weeks. Call 222-5208.

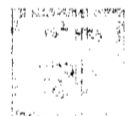
**Psychology Step-Families Study**

Married couples who have at least one child from a previous union living with them, are invited to participate in a study of stress and coping in step-families. Call Jennifer Campbell at 822-3805.

**Adult Child Separation/Divorce Study**

Volunteers needed. The study will explore how mothers cope with their adult child's separation/divorce. Participants required to fill out a mailed questionnaire. Call Allison Krause, Counselling Psychology, at 946-7803.

**Sports Medicine Study**



Volunteers, female, age 18-35 needed to participate in study on Exercise and the Menstrual Cycle. Fit, healthy, having normal menstrual cycles and not currently on oral contraceptives. Physiological testing provided. Allan McGavin Sports Med. Centre, John Owen Pavilion, UBC. Call Dr. Connie Lebrun 822-4045 or 980-6355.

**School of Nursing Study**

Volunteers needed for study of couples/family adjustment to a breast cancer diagnosis. Women and partners. Involves interviews/response to questionnaire. Call Dr. Ann Hilton at 822-7498.

**School of Nursing Study**



Couples are needed who are both in paid employment (over 20 hrs/wk.) and have at least one child under eighteen months of age. Involves filling out a questionnaire twice (10 minutes each time). Call Wendy Hall at 822-7447.

April 7 -  
April 20

**Psychiatry Depression Study**

Participants needed for research study using new antidepressant medication. Depression sufferers, 18-65 years. Call Doug Keller at 822-7318.

**Psychiatry Personality Questionnaire Study**

Volunteers needed to complete two 90-minute sessions. Stipend, \$20. Call Janice at 822-7895/7057.

**Counselling Psychology Retirement Preparation**

Women concerned about planning their retirement needed for an 8-week retirement preparation seminar. Call Sara Comish at 822-5345.

**Diabetic Clinical Study**

Diabetics who have painful neuropathy affecting the legs needed to volunteer for 14-week trial of an investigational new drug. Call Dr. Donald Studney, Medicine, University Hospital, UBC Site at 822-7142.

**Daily Rhythms Study**

Volunteers needed to keep a daily journal (average 5 min. daily) for 4 months, noting patterns in physical/social experiences. Call Jessica McFarlane at 822-5121.

**Psychiatry PMS Study**

University Hospital, Shaughnessy site. Volunteers needed for a study of an investigational medication to treat Pre Menstrual Syndrome. Call Doug Keller at 822-7318.

**Hypertension in Pregnancy Study**

Pregnant women, concerned about their blood pressure, are invited to participate. The study compares relaxation training with standard medical treatment (own physician). Call Dr. Wolfgang Linden at 822-4156.

**Exercise In Asthma Study**

Volunteers with exercise-induced asthma needed for 2-part study (30 min. each). No medications or injections. Call Dr. Phil Robinson at Pulmonary Research laboratory, St. Paul's Hospital at 682-2344, extension 2259.

**Asthma Research Study**

Volunteers 12-70 years with mild to moderate asthma needed to participate in 16 week research project involving "pulmicort" a commonly used inhaled steroid taken once daily. Call Brian Anderson at University Hospital, UBC Site at 822-7719 between 9am-1pm.

**Memory For Places**

Study on memory for places (shopping mall) requires volunteers age 65 years and older for 1.5 hour. Please call Bob Uttl, Psychology, UBC at 822-2140.

**Study on Memory**

Old wine; old memories. To study whether some memories improve with age (like some wine) we need volunteers 60 years of age and older for 1.5 hours. Please call Paul Schmidt/Gloria Lam at 822-2140.

**Herpes Research Study**

Participants needed for treatment studies of shingles(herpes zoster) and first herpes simplex infections with new antiviral agents. Also ongoing study for males 18-45 years with recurrent herpes simplex. Dr. Stephen Sacks, Sponsoring Physician. Call the Herpes clinic at 822-7565 or leave your name/number at 687-7711, pager 2887.

**Gastrointestinal Study**

Volunteers required for pre-clinical trials of a new gastrointestinal ultrasound contrast agent. Volunteers (18-30 years) in good health with no history of ulcers or other gastrointestinal ailments. Call Dr. Colin Tilcock, Radiology, University Hospital, UBC Site at 822-3717.

**Acne Study**

Volunteers 14-35 years of age, moderate facial acne. 4 visits over 3 month period. Honorarium paid for participation. Call 874-8138.

**Female Hair Loss Study**

Females age 19-49. Moderate hair loss. Crown area only. Must be able to attend 1-2 times weekly for 9 months. Honorarium paid for participation. Call Sherry at 874-8138.

**Statistical Consulting and Research Laboratory**

SCARL is operated by the Department of Statistics to provide statistical advice to faculty and graduate students working on research problems. Forms for appointments available in 210. Ponderosa Annex C-210. Call 822-4037.

**Surplus Equipment Recycling Facility**

All surplus items. Every Wednesday, 12-3pm. Task Force Bldg., 2352 Health Sciences Mall. Call 822-2813.

**Sexual Harassment Office**

Two advisors are available to discuss questions and concerns on the subject. They are prepared to help any member of the UBC community who is being sexually harassed to find a satisfactory resolution. Call Margaretha Hoek or Jon Shapiro at 822-6353.

**Volunteering**

To find an interesting and challenging volunteer job, get in touch with Volunteer Connections, Student Counselling and Resources Centre, Brock 200. Call 822-3811.

**Narcotics Anonymous Meetings**

Every Tuesday (including holidays) from 12:30-2pm, University Hospital, UBC Site, Room 311 (through Lab Medicine from Main Entrance). Call 873-1018 (24-hour Help Line).

**Duplicate Bridge**

Informal game. All welcome. Admission \$2, includes coffee/snacks. Faculty Club every Wednesday at 7pm. Call 822-4865.

**Fitness Appraisal**

Physical Education and Recreation through the John M. Buchanan Fitness and Research Centre, administers a physical fitness assessment program. Students \$25, others \$30. Call 822-4356.

**Neville Scarfe Children's Garden**

Located west of the Education Building. Free admission. Open year round. Families interested in planting, weeding or watering the garden, call Gary Pennington at 822-6386 or Jo-Anne Naslund at 434-1081.

**Botanical Garden**

10am-6pm daily. Free admission on Wednesdays. Call 822-4208.

**Nitobe Garden**

10am-5pm daily. April 1-30, 10am-7pm daily. Free admission on Wednesdays. Call 822-6038.

.....

**INFORMATION ON DEADLINES FOR UBC REPORTS CALENDAR FOR APR - AUG 1991**

ISSUE OF	PERIOD OF	NOON
April 4	April 7 - April 20	Fri. Mar. 25
April 18	April 21 - May 4	April 9
May 2	May 5 - May 18	April 23
May 16	May 19 - June 1	May 7
May 28	June 2 - June 15	Thurs. May 16
(Holiday: (Mon. May 20)		
June 13	June 16 - July 20	June 4
July 18	July 21 - Aug. 17	July 9
Aug. 15	Aug. 18 - Sept. 7	Aug. 6

The deadline for the Calendar is TUESDAY NOON, one week prior to publication of UBC Reports. For holiday periods, the deadline is backed up by the appropriate number of working days. For example, a 2-day holiday means a 2-day back-up in the schedule.

.....

*Across the Nation*

## New program encourages women in science, engineering

The National Research Council will spend about \$1 million a year for a new program aimed at encouraging more women to pursue engineering and science careers.

The program will provide a combination of scholarships and training for university students enrolled in undergraduate science and engineering programs at Canadian universities, with a special emphasis on students in physics, mathematics and engineering.

Under the program, students will continue their full-time university studies with NRC scholarships worth up to \$15,000 a year. During the summers, students will be employed at NRC or will work with a research council scientist on a career-related work assignment.

The NRC hopes the program will attract 25 students per year for the next three years. Universities are

asked to nominate students for the program which begins in September.

---

**Universities not a spending priority**

---

A recent Environics poll showed support for increased government spending on universities ranked 11th out of 50 possible areas among Ontario residents questioned. There was little support among Ontario taxpayers for increased tuition fees or for policies that would reduce accessibility.

Donna Dasko, vice-president of Environics, said several major trends will shape in Canadian society and, in turn, will affect universities in the 1990s. Dasko pointed out that the eight million baby boomers now moving into

management positions are more prone to challenge authority. On the whole, Dasko added that there is more social consciousness, more willingness and minorities are no longer willing to be stereotyped or treated unequally.

---

**Shortage of academics predicted**

---

Canadian universities will face a shortage of qualified teaching personnel by the year 2000, a University of Winnipeg professor has predicted.

According to Harry Rosenbaum, studies show 35 per cent of current professors will reach retirement age in nine years.

Even though an increasing number of students are entering PhD programs,

Rosenbaum believes universities may have a tough time recruiting professors.

Universities may face increased competition in recruiting scholars from the private sector. Also, American universities may try to lure Canadian academics to the United States, a task made easier by the free trade agreement which encourages the flow of teachers and professors across the border.

---

**Public approves of science spending**

---

An Angus Reid survey published recently in the Globe and Mail showed that Canadians would like to spend a lot more on science and technology.

Nearly three-quarters of those surveyed - 72 per cent - felt that all of science, both basic and applied, should be given a higher priority. Three per cent said it does not warrant more emphasis.

When asked to choose which of eight scientific and technological areas is most deserving of support, the group ranked environmental research as the top priority. Nearly 84 per cent wanted more attention paid to the environment.

Other research priorities included cancer (74 per cent), cystic fibrosis and diabetes (73 per cent), AIDS (71 per cent), industrial and manufacturing science (60 per cent), computer and software technology (50 per cent), biotechnology and genetic research (48 per cent) and space exploration technology registered a 22 per cent approval rating.

The survey is considered statistically accurate within 2.5 percentage points.

# Health risks on the construction site subject of concerns

Increasing concern about health risks in the construction industry is the focus of a conference at UBC April 11 and 12.

Until now, accident prevention has been the main concern of safety programs on construction sites, but some of the major industrial diseases such as asbestos-induced cancers are also common, say conference organizers. Three-quarters of all occupational cancer claims accepted by the Workers' Compensation Board are from construction workers.

"The recognition and control of disease-causing situations on construction sites has always been more difficult than in other industries," said Kay Teschke, assistant professor in the Department of Health Care and Epidemiology and a conference organizer.

"Working conditions are always changing and coordination of work to minimize exposures to everyone on the site is an ongoing concern."

These issues are becoming a major concern in the workplace. Recent work stoppages at construction projects in some of the province's pulp and paper mills were based on health and safety issues.

The purpose of the conference is to make industrial hygiene and safety professionals — and people in the construction industry — better

equipped to recognize when disease-causing materials are in use and to ensure that the proper methods are in place to control exposures.

Some of the topics that will be addressed at the conference include:

- the potential dangers of asbestos substitutes such as glass and ceramic fibres
- excessive dust exposures from concrete grinding
- noise exposure studies
- ergonomics for floor-layers
- asthma among painters and machinists.

Speakers will include occupational hygienists and researchers from UBC, the Workers' Compensation Board and the construction industry.

"We all have a common interest in controlling the sources of industrial diseases and the construction industry is an area where major gains may be made in reducing health risks," said Teschke.

The conference is sponsored by the university and the local section of the American Industrial Hygiene Association. For more information, call David Bell at UBC Occupational Health and Safety, 228-2643.



An estimated 500 people witnessed emergency crews responding to a simulated traffic accident staged at the corner of East Mall and University Blvd. on March 20. A presentation of UBC Counterattack, the event was designed to promote awareness of the dangers of drinking and driving.

## Forum

# Canadian Opinions About Canada's Wars

By DON MUNTON

Don Munton, a UBC political science professor, wrote the following article for the spring issue of *Peace and Security* magazine. Graphs are courtesy of Canadian Institute for International Peace and Security

Canada's wars have never been wildly popular affairs. Duty has called, but more clearly in some cases, such as World War II, than in others. In the Gulf War, the call was less clear than ever before.

The British Empire war in South Africa against the Boers, from 1899 to 1902, deeply and bitterly divided francophones and anglophones. Historian C.P. Stacey describes English Canadians as "for practical, political purposes... a bloc in favor of the war." But there were, he notes, significant pockets of resistance outside Quebec at a time when imperial sentiment was perhaps at its peak.

As the 1914 European crisis deepened, the cabinet of Conservative Prime Minister Robert Borden assured London that "if unhappily war should ensue, the Canadian people will be united in a common resolve." When war came, the prime minister recorded in his diary that there was "great excitement in all Canadian cities. Crowds on streets cheered me." There was surely some enthusiasm and excitement, but there was not unity of resolve.

Enlistment figures show the war was much more popular in English Ontario and in British Columbia than in relatively non-British Saskatchewan or in francophone Quebec. Some people recall more a sense of duty than of enthusiasm. Many went to fight with the belief their country and empire needed them. Others, from Quebec and many rural areas of Canada, stayed home. Conscription, protests and a crisis election followed.

There was perhaps less debate about fighting Hitler. The most as-

tonishing fact about the public opinion studies, which had their birth during World War II, is that none apparently asked Canadians whether they supported the war. The Canadian Gallup organization, established in 1941, polled throughout the war but never once reported on support for it.

Instead, the public was asked whether they thought Canada was "doing all it could to help win the war" (most did, throughout), whether they personally "could be of more use to (the) country" if they did some other work (more thought they could than not), and if Germany's civilian population should be bombed (most approved). Perhaps the best measure of support is found in a 1942 poll when

86 per cent of Canadians rejected the idea of negotiating a status quo peace with Hitler.

The closest historical parallel for Canada's Gulf War involvement is undoubtedly the Korean War: An act of aggression followed by an American-led response with political support marshalled through the United Nations. When Canadians were polled just

after the war broke out in June 1950, only 13 per cent opposed U.S. action. On the other hand, 23 per cent opposed Canada sending equipment while an additional 16 per cent disapproved of sending troops — a total of almost 40 per cent at a time when few did not believe in stopping communism.

A year or so after the Korean War stalemated around the old boundary line, 40 per cent agreed it had become an "utterly useless war" and about 30 per cent thought Canada's involvement had been a mistake. One in every two said it had not been a worthless exercise.

The war against Iraq profoundly divided Canadians. Opponents were numerous and vocal.

According to an Angus Reid poll series, most Canadians supported sending forces to the Persian Gulf. However, the level of support varied from 69 per cent in September, down to 60 per cent in December, as the U.N.-imposed deadline approached, to 75 per cent, after the start of coalition air attacks. Some observers credited this post-outbreak rise to skilful war news management by a special government task force; it was more likely a reflection of a natural "rally-round-the-troops-and-flag" feeling.

Two points bear emphasis. First, support for Canadian involvement in the Gulf was, in fact, actually higher than these figures imply.

When Reid's question was between Canadian forces actively fighting against Iraq, taking a solely defensive role, and being withdrawn, less than 10 per cent opted for withdrawal.

Second, polls consistently showed only about one-third support for Canadian troops

going into battle. As the government was cautiously, but steadily, scaling up Canada's fighting role through December and January, there was no evident increase in public support for going into combat. In contrast, American public support for carrying the fighting to Saddam Hussein rose dramatically.

Wars do not gain in popularity with time. If the ground struggle in the desert had become a stalemate, the level of support for the fighting, by American or Canadian forces, would have almost certainly declined. Fighting on without prospect would only confirm the strong belief of most Canadians (reflected in Canadian Institute for International Peace and Security polls) that military force rarely produces political solutions.

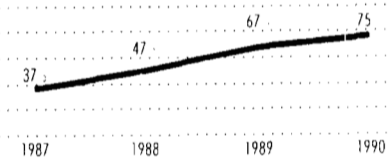
Duty still calls, but was this Canada's war? Just as opponents of earlier conflicts saw them as British wars, opponents saw the Gulf not as Canada's war, or a U.N. war, but as America's war. And, as more American generals appeared on TV and less was heard of the United Nations, the more the conflict became America's war in the minds of Canadians.

The Gulf conflict might have been the first test of Canadians' new sense of duty, of a willingness to support true collective security and forge a new world order. Unfortunately, it became yet another test of Canadians' willingness to support old friends, right or wrong.

### The war against Iraq profoundly divided Canadians

#### CANADA AND THE US

Considerable or great confidence in the ability of the US to deal wisely with world problems:

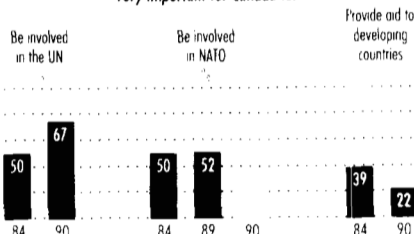


Regard the US as a serious threat in the next ten years:



#### CANADA AND THE WORLD

Very important for Canada to:



## Spanish explorers saluted

It was two hundred years ago that Spanish explorer Alejandro Malaspina successfully piloted his ship and crew from Spain to Mexico and up the west coast to Alaska.

To mark the bicentennial of the Malaspina's expedition, UBC's Department of History and the Vancouver Maritime Museum will hold a symposium, Spain and the North Pacific Coast, from April 11 to 13.

"These people had been separated for centuries and came from entirely different cultures," said Richard Unger, head of the History Department. "This symposium is a way to see how both sides dealt with this first meeting."

The symposium, which will feature about a dozen researchers from three continents, takes place at the museum and the Theatre Gallery in the Museum of Anthropology.

Adding a visual dimension to the lectures is the museum's exhibition, *Enlightened Voyages: Malaspina and Galiano on the Northwest Coast, 1791-1792*. The exhibition includes a selection of original charts and drawings made during the expedition's visit to Alaska and Nootka in the summer of 1791. It also contains native art collected by Malaspina's men, Dionisio Alcalá Galiano and Cayetano Valdes.

The bicentennial will also be marked by the arrival in Vancouver on April 8 of the Spanish Navy's tallship, *Juan Sebastian de Elcano*. The ship will be anchored in Vancouver waters until April 13.

People

# Kazanjian named to Health Professions Council

Dr. Arminee Kazanjian has been appointed to the provincial Ministry of Health's newly established Health Professions Council.



Kazanjian

The three-member council will review applications from various health care practitioner groups for designation under the Health Professions Act.

Designation under the act will permit regulation of individuals who provide health care to the public, or who practice in a health-related occupation, where there is some degree of risk to the health or safety of the public.

Kazanjian is the associate director of UBC's Centre for Health Services and Policy Research specializing in health human resources. She is also a professor in the Faculty of Medicine's department of Health Care and Epidemiology.

Her appointment to the council is for a three-year term.

Sandra Davies, a UBC music education professor, has been awarded this year's Special Distinguished Service Award by the British Columbia Music Educators' Association.



Davies

The award recognizes the contributions made by a music educator, administrator or individual to the advancement of music education in the province.

Davies has been teaching in the Faculty of Education since 1967 and helped establish the Education Through Music and Orff courses now offered by Music Education. An active member of the Carl Orff Society of Canada and the Canadian Music Educators' Association, Davies also originated a course on Canadian music in B.C. schools.

The B.C. Music Educators' Association is a 1,000-member organization which promotes excellence in music instruction within the province.

Neurobiologist Terry Snutch has been selected as an Alfred P. Sloan Research Fellow.

The fellowship program, established in 1955 by the Alfred P. Sloan Foundation, an American foundation, encourages research by outstanding young scholars by providing funds at a critical time in their academic careers.

Snutch, a professor who holds joint appointments in Psychiatry, Zoology and the Biotechnology Laboratory, has been with UBC since 1989.

His area of research involves studying the molecular mechanisms by which nerve cells in the brain transmit, receive and store information. The work is important both in understanding how medications used in the treatment of brain disorders work, and for designing new drugs which may be more useful than those presently available.

The Sloan Research Fellowship carries with it a grant of \$30,000.

Alan Artibise, director of UBC's School of Community and Regional Planning, has been appointed chair of the National Capital

Commission's advisory committee on marketing and programming.

The eight-member committee oversees programming of events held in and around the Ottawa-Hull area such as national museum and Gatineau Park programs, Canada Day and Ottawa's winter festival, Winterlude. Now in its second year, the advisory committee also handles advertising and speaking tours promoting the image of the national capital region nationally and internationally.

William Rees, also with the school, has been appointed to the commission's planning committee, currently chaired by Walter Hardwick of UBC's Geography Department.

The commission is a crown corporation which governs public lands and buildings in Ottawa and West Quebec.



Artibise

## Berkowitz & Associates

Statistics and Mathematics Consulting

- research design
- data analysis
- sampling
- forecasting

Jonathan Berkowitz, Ph.D.  
4160 Staulo Crescent, Vancouver, B.C., V6N 3S2

Office: (604) 263-1508 Home: (604) 263-5394

## Classified

Classified advertising can be purchased from Media Services. Phone 822-4775. Ads placed by faculty, staff and students cost \$12 for 7 lines/issue (\$ .75 for each additional word). Off-campus advertisers are charged \$14 for 7 lines/issue (\$.80 for each additional word). Monday, Apr. 8 at 4 p.m. is the deadline for the next issue of UBC Reports which appears on Thursday, Apr. 18. Deadline for the following edition on May 2 is 4 p.m. Monday, Apr. 22. All ads must be paid in advance in cash, by cheque or internal requisition.

### Services

**TUTORING:** Private tutoring in MATH and PHYSICS. Call Eng. BEN MORSH. 985-3525.

**PHOTOGRAPHS:** Provocative and beautiful framed color prints to enhance home and office -- and for that perfect gift! "Confessions of a Cloudwatcher" series plus others, celebrating Vancouver as heaven on earth. Call Neall Calvert. 222-8276.

**EDITING/PROOFREADING:** Help with your writing. 10 years' experience. "Accuracy, Brevity, Clarity." Clients range from monthly magazines to M.A. students. Located close to UBC. Student rates. ABC World of Publishing. Call Neall Calvert, B.A. 222-8276.

**WORDPERFECT:** Master the basics in six hours. Call Stephen Gauer. 681-4243.

**ENGLISH-GERMAN TRANSLATIONS:** We also do editing, proofreading and abstracting. Over 8 years experience; translator certificate and degrees in physical and life sciences. Fast, reliable service, competitive rates. 224-8775.

### Miscellaneous

**TRAVEL:** Need a ride to Wisconsin or Chicago around April 20, 1991. Can drive, share gas etc. Call 222-1346.

**EMPLOYMENT WANTED:** What can I do for you? Former UBC Program Assistant available for part-time, on-call relief office duties. 822-8254.

**DOG WALKING SERVICES:** (also pet and house sitting). Kits and Pt. Grey Area. Recent university graduate (and animal lover!) in need of extra income. \$5/walk (approx. 1 hour). Excellent references. 224-4722 evenings or week-ends.

**BLACK & WHITE ENLARGEMENTS:** from your negatives, individually hand exposed, cropped, dodged and shaded to your exact specifications. High quality papers in matte or high gloss finish. We can get the best from your sub-standard negative. Great prices, an 8x10 custom enlargement just \$5.70! Call Media Services Photography at 822-4775. (3rd floor LPC, 2206 East Mall).

## Renowned cancer researcher dies at 80

Eminent Canadian cancer researcher, Dr. Robert Noble, the first director of UBC's Cancer Research Centre, has died at the age of 80.

For more than 40 years, he devoted his life to research on a variety of cancer-related topics, including the effects of hormones on cancer growth and development, and the treatment of cancers with chemotherapeutic agents.

In the 1950s, Noble discovered that extracts of the leaves of the Jamaican periwinkle plant contained substances—known as Vinca alkaloids—which he recognized could be used in the treatment of certain cancers.

Two of the alkaloids he isolated improved the curability of Hodgkin's and non-Hodgkin's cancers, and made possible cures of childhood leukemia. The drugs remain in common use throughout the world in the treatment of these and other malignant conditions.

His discovery of these alkaloids was the first major advance in cancer che-

motherapy originating in Canada, and represented an important landmark in Canada's contribution to cancer research.

Noble was born in Toronto in 1910 where he received his early education. He began his medical studies in 1929 at the University of Aberdeen, Scotland, which he completed at the University of Toronto, where he obtained his MD in 1934.

He was awarded a PhD from the University of London in 1937 and a DSc degree by the same institution in 1946.

In 1960, Noble was appointed as the first director of UBC's Cancer Research Centre, where he continued his research on hormone-dependent cancers, until his retirement 15 years later.

Upon his retirement, Noble became an honorary member of the Division of Cancer Endocrinology at the B.C. Cancer Agency where he remained actively engaged in cancer research until a few months before his death on Dec. 11, 1990.

He was a fellow of the Royal Society of Canada, an honorary fellow of the Royal College of Physicians and Surgeons of Canada, and a past president of the Canadian Physiological Society.

Noble was made an officer of the Order of Canada in 1988.

A new laboratory will be established in his name at the Cancer Endocrinology Division of the B.C. Cancer Agency.

**IS YOUR BABY BETWEEN 2 & 24 MONTHS?**

Join our research on language development at U.B.C.! Just one visit to our infant play-room. Please contact Dr. Baldwin for more information: 228-6908

**VIDEO cube**

Your New International Newspaper & Magazine Store with a 24 hours Automated Video Rental Outlet IS NOW OPEN at 4453 W.10th Ave. Vancouver 222-8333

**VIDEO CUBE OFFERS:**

- over 3000 Videos (VHS & Beta)
- over 800 titles of International Newspapers & Magazines

**CHECK IT OUT!**

## ENVIRO-HEALTH LAB (opening soon)

SILENT (NON VOTING) MINORITY SHARES, WITH OR WITHOUT JOB, ARE NOW AVAILABLE FOR ENVIRONMENTAL, ANALYTICAL OR ORGANIC CHEMISTS.

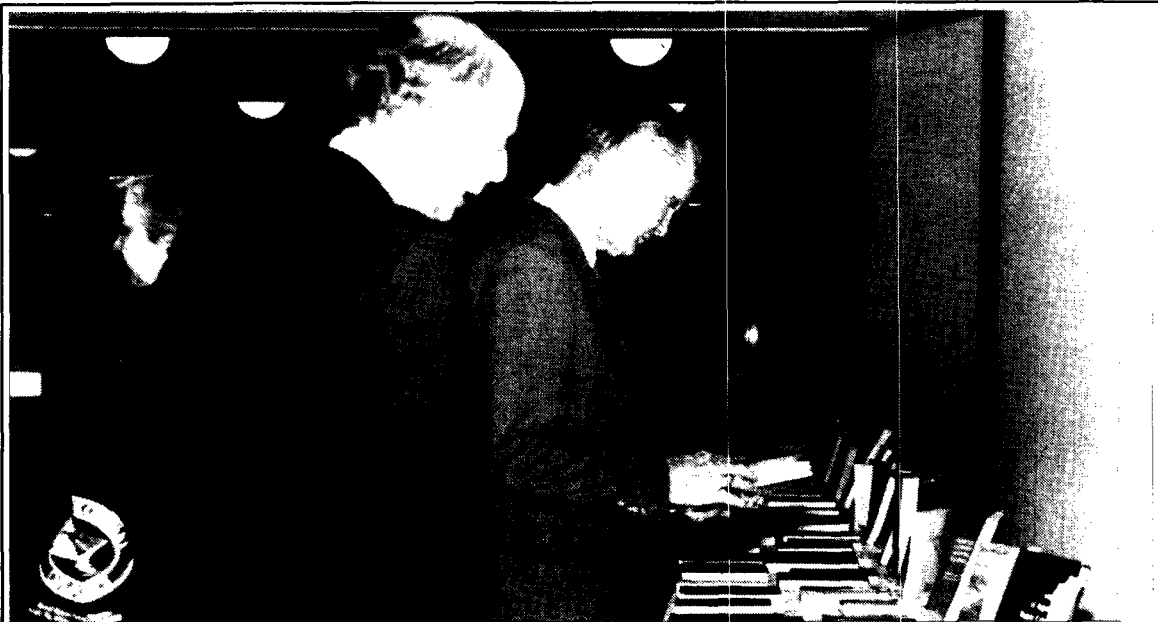
PHONE 431-0056 FOR DETAILS

## Advertise in UBC Reports

Deadline for paid advertisements for the April 18 issue is 4 p.m. April 9.

For information, phone 822-3131

To place an ad, phone 822-4775



UBC authors and guests leaf through the publications on display at the UBC authors' reception. More than 160 UBC authors were honored at the March 18th event, which was hosted by President David Strangway and University Librarian Ruth Patrick at the Graduate Student Centre. The reception was held to recognize those members of the UBC community who were the authors of books published between January 1990 and March 1991.

Photo by Leza Macdonald

## UBC professors win Killam Research Fellowships

Two UBC professors have been awarded Killam Research Fellowships by the Canada Council.

Steve Calvert, a specialist in marine geochemistry, and Kenneth Craig, a professor in the Department of Psy-



Calvert

chology, were among 15 Canadian researchers chosen from a list of 154 applicants for the 1991 Killam awards.

Calvert will spend the next year in France researching how the ocean absorbs carbon dioxide from the atmosphere and buries it on the sea floor. Part of his work is being done in conjunction with a 12-nation international study examining the effects of global warming.

Craig, director of the Psychology Department's clinical program, will continue his research on pain by examining how socialization factors influence the manner in which people display and communicate pain to others. Craig also plans to begin writing a book about the psychological and social factors of pain which he has investigated during the last 20 years.

The fellowships enable scientists and scholars to devote up to two years to full-time research and writing in the humanities, engineering, social sciences, natural sciences and interdisci-



Craig

plinary studies within these fields.

Fifteen other Killam Research fellowships were granted second-year renewals of their fellowships. They will share \$1.9 million in research grants with the new 1991 fellows.

### Corporations participate in program

## Students get on-the-job training

By ABE HEFTER

The Faculty of Commerce and Business Administration has been working hard to bridge the gap between the academic and professional world. And judging from the response from the Vancouver business community, an internship program being offered by the Industrial Relations Management Division has done just that.

"The link between the professional world and the academic world is at the heart of this internship program," said co-ordinator Tom Knight, who teaches industrial relations management in the faculty. "The key is to give students a chance to assess industrial relations and human resource management career objectives in a working environment."

Knight said he recruits organizations in the Vancouver area — most of them members of the Industrial Relations Management Association (IRMA) — as sponsors. Students in the faculty's industrial relations management option who apply for internships are evaluated on the basis of course marks, faculty input and written submissions. The students are then matched up with the needs of a sponsoring organization.

Knight said interns are expected to fulfil their professional working requirements while relating

their practical experiences to work in the classroom. The program is open to fourth-year students, nine of whom are currently completing the internship's first full term. Some of the participating sponsors include MacMillan Bloedel Limited, the Hong Kong Bank of Canada and the Business Council of British Columbia.

"The interns work a maximum of 12 hours a week over a fourth-month session," said Knight. "The students are given a real opportunity to test out classroom theories while formulating their own opinions about the options available to them upon graduation."

Knight said IRMA's support has been crucial to the success of the program — support which has come from people like Dunc Wilkins, vice-president, human resources, of the Business Council of B.C.

"The internship program is a heck of a good idea," said Wilkins. "It gives students a chance to work in an industrial relations environment."

"The student we currently have on board, Duane Van Beek, has done a very good job for us," added Wilkins. "His performance has given us an appreciation of the measure of the program in place at UBC. It's an indication of the high-calibre product coming out of the university and

it's great to see."

Van Beek, a 21-year-old from Prince George, said the experience has been a rewarding one.

"The program gives you a good idea of what's out there and really helps as far as career planning is concerned," said Van Beek. "I've been able to meet a lot of people in the industry and find out what they do. It's been an excellent experience for me and has helped bridge the gap between the theoretical, academic side and the practical side."

Despite the praise, Knight isn't finished building that bridge.

"We'd like to give employers more choice in the number of students made available to them, perhaps through a draft or a job fair," said Knight. "In addition, more organizations would likely get on board if we could somehow underwrite a portion of the interns' salaries. Perhaps the establishment of an endowment is the answer."

Knight said the internship program has forged a connection between UBC and the outside world.

"The program is opening doors for the interns, enriching the professional workplace thanks to the efforts of these students, and giving the university a chance to see how the UBC classroom experience stacks up in the real world," he said.

## New liberal arts degree announced

A liberal arts degree is now available to students who don't want to focus on a particular area of study.

UBC's new general B.A. program offers students a course that crosses several disciplines with a limited concentration in one or more. The program has a wide selection of courses taken from humanities, creative and performing arts, social sciences and science.

"It's an outlet for students with a broad range of interests," said Shirley Sullivan, a professor in the Classics Department and chair of the new program. "Those students who want to learn about the arts and sciences without having to specialize can now do so."

Designed for students with a broad

range of interests, the motto of the general B.A. is "Enrichment through Breadth of Study." Those wishing to focus themselves in a particular area can opt for either the honors or major B.A. programs.

Sullivan said the general B.A. will appeal to students interested in areas such as Canadian, ethnic, Native and urban studies where there are no honors or majors degree programs. Sullivan said the general program also provides excellent preparation for Education, Law, Library Science and Social Work.

Introduced this year in Cariboo and Okanagan Colleges, Sullivan said the general B.A. may also attract mature students back to campus to either finish or start their university degree.



Photo by Media Services

UBC students face the ultimate challenge in the annual Storm the Wall competition. The competitors, organized in teams of five, swim, bike, run, and finally storm the wall. Last month's sunny skies favored the more than 2,500 student and community participants.

# FireSide

All Welcome

- Lunch
- Dinner
- Cappuccino
- Espresso
- Muffins
- Cookies

and

Down Home  
Foot Stompin' Fun

Hours:

11 am - 11 pm Mon-Thurs

11 am - Midnight Friday

Graduate  
Student  
Centre