

UBC REPORTS

Volume 39, Number 14

September 2, 1993



Scjiw-Terris photo

Abalone and Ermine

Mabel Stanley of Cape Mudge, shown here wearing an abalone and ermine frontlet, will be the focus of an exhibit at the Museum of Anthropology starting Oct. 1. Stanley was active in promoting awareness of First Nations peoples across Canada from the 1950s until her death in the 1980s.

NRC institute set for south campus

A \$12-million Institute for Machinery Research is coming to UBC following an agreement reached among the university and the federal and B.C. governments.

Financed by the National Research Council, the institute will develop intelligent mechanisms used to run equipment for resource-based industries. Institute researchers will also collaborate with university faculties and industry to develop new technologies and training in engineering science. It is estimated that 100 jobs will be created initially.

"We are thrilled to have this exciting national project come to our campus," said UBC President David Strangway. "It meets the very essence of our mission statement to be a world-class teaching and research institution."

The institute will be situated on a five-acre site on 16th Avenue, between East and Wesbrook malls. The location was approved following adjustments to the original site plan which addressed environmental concerns raised by the campus community, provincial government and the general public.

Housed in a state-of-the-art building, the institute will be surrounded by forest on the south campus. The re-aligned site conserves about 40 Douglas fir and red cedar trees and eliminates the need to extend the East Mall road south of 16th Avenue.

"I am very pleased that UBC and the NRC have been responsive to the concerns of the surrounding communities to make this more environmentally acceptable," said Tom Perry, minister of Advanced Education, Training and Technology.

"This is an important high-tech applied science project that will create jobs for British Columbians and has the potential to create spin-off companies that will make our province more competitive on world markets."

Former NRC President Pierre Peron said the project gives the NRC a strong base in Western Canada and a truly national scope.

"Our new national initiative is to establish closer relationships with Canada's great research universities and we are pleased to have UBC as the first site in this program," he said.

The NRC agreed to return 7.5 acres it was leasing in the academic core in return for the five-acre site on the south campus. UBC plans to use the formerly leased land for future student residences and other academic development.

Prof. Martha Salcudean, head of the Dept. of Mechanical Engineering, said the institute will give B.C. a competitive edge in developing industries that are now dominated by companies outside of Canada.

The project is scheduled to begin in August, with completion expected in March 1995.

In the meantime, UBC has committed to full a public participation process on possible future development of the remainder of its south campus property. The process is expected to take up to two years to complete.

Arthur Hara, chair of UBC's Board of Governors, said those interested will be invited to sit down and review the plan with the public process group at UBC.

Asian law centre opens

by Charles Ker

Staff writer

Southeast Asia will be a new focus of research at the Faculty of Law's Centre for Asian Legal Studies.

This month the centre will launch a Southeast Asian Legal Studies Program bringing legal experts to campus for one semester from Indonesia, Malaysia, the Philippines, Singapore, Thailand and Vietnam. These scholars will also be encouraged to travel throughout Canada to lecture or work with colleagues in other universities active in the Asia Pacific region.

"This is one of the most dynamic areas of the world but government and legal

information on the region is hard to come by in English," said Prof. Ian Townsend-Gault, director of the centre. "This initiative should give a badly needed boost to inter-regional understanding both in Canada and the rest of the English-speaking world."

Townsend-Gault said most of the region's 10 countries are easily accessible to tourists but not necessarily to those wishing to do business. He added that obtaining answers to legal questions on topics such as environmental protection, exporting profits or joint ventures is difficult to obtain from specific countries, a problem which is magnified on a regional basis.

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Gifted students at U-Hill fast-tracked to UBC classes

by Charles Ker

Staff writer

Two years ago, Tally Vertinsky finished near the top of her Math 121 class. At 15, the University Hill Secondary School student already had Math 100 in the bag.

Last year, Vertinsky returned to UBC for first-year sections in physics and biology, a second-year math course and skipped across to nearby University Hill for gym, English, French and hanging out with friends.

"It's been an extremely good arrangement," said Tally's mother, Patricia Vertinsky. "Students don't go

through the high school curriculum in lockstep anymore and you certainly can't tell them to stop learning once they finish it."

UBC and University Hill will formalize their dealings this fall by launching the Transition School Project, a fast-track program for getting gifted kids into post-secondary courses.

"Students don't go through the high school curriculum in lockstep anymore and you certainly can't tell them to stop learning once they finish it."

- Patricia Vertinsky

UBC project co-ordinator Stanley Blank said the plan is to annually enrol about eight "precociously gifted youngsters" in the three-year program. These "little geniuses" would

spend the first year and a half completing all secondary school

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Letters

Construction of parking spots unwarranted

Editor:

I work in Kenny Building directly opposite the new West Parkade on West Mall. This parkade, which I believe represents an architectural style called "brutalism" (if it doesn't, it should) has been open since January, 1993. I have never seen more than one-fourth of its floors full, even during term time. The remainder of its vast floors remain empty, every day, without exception.

Then I see that one of my favourite places on campus, the Rose Garden, has been devastated to provide space for underground parking for 950 cars, or so the development permit sign proclaims.

My questions, in no particular order, are:

Couldn't those 950 cars go into West Parkade, or don't planners at one end of the campus check with those at the other end?

Why are we being encouraged, via van pooling and increased parking fees, to leave our cars at home while obviously redundant parking

stalls continue to be built?

Why do we need that horrible metered traffic congestion between the Bookstore and the Chemistry/Physics Building, when those cars could park in West Parkade? Surely these spaces are not for the convenience of Bookstore drop-ins? Just pay attention to students getting out of those cars and heading off to class.

Why must I, and all those who inhabit the northwest side of Kenny Building, have the quality of our work lives diminished by not only having our windows filled with an ugly sight, but one which mocks us daily with its waste and futility?

These are probably rhetorical questions to those who make the decisions about such matters. And as I say with ever increasing regularity these days — hell, I just work here.

**Sue Eldridge
Dept. of Psychology**

P.S. Bravo to the skateboarders who occasionally have uninterrupted fun on the top floor of West Parkade. Damn! Now what have I done? The area will probably be patrolled regularly for the safety of the non-existent parkers.

Roses to provide colourful cover

Six hundred rare roses are basking in a warm greenhouse awaiting the completion of an underground parking on NW Marine Drive. And when the final parking stall is complete, a new, expanded rose garden will provide colourful cover on the old garden site overlooking Howe Sound.

To make the view of the garden opposite the Faculty Club even more spectacular, the railing and handful of parking spaces at the flag pole site will be removed and the pole moved to a nearby location.

A total of 900 cars will be able to park under the refurbished garden by the end of the year. The underground garage was necessary to serve the needs of faculty, staff, Green College residents and visitors to the theatre and Museum of Anthropology.

John Smithman, director of Parking and Security Services, said changes to campus parking this year will enhance safety and encourage carpooling.

"We are working with Nemetz Flagel Ltd. electrical engineers to design a system for all UBC parkades which may include emergency call buttons which will trigger sirens and strobe lights to alert attendants," said Smithman.

Free meter parking permits

are available at the Parking and Security Services office at 6501 NW Marine Drive for permit holders who work on campus in the evenings. Free motorcycle permits will be issued to holders of valid faculty/staff parking permits.

The new Thunderbird Housing units in B3 and B4 lots will cut into student parking this year. Lost space will be partially recovered in the new car pool area of B4 lot and in the West Parkade.

Check the expiry date on your PASScard. If it is less than 94, please obtain a new one at the Parking and Security Services office. The pass costs \$312.00 per year plus tax. For more information, phone 822-6786.

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Gifted

Continued from Page 1

requirements at University Hill, ease into university classes during second year and enrol full time on campus by third year. Blank estimates the average transition school graduate could have his or her bachelor degree by the age of 16 or 17.

Blank said most university department heads, including many in the Faculty of Arts, have embraced the concept and are searching for faculty members who are interested in acting as mentors. He also said tutoring and counselling would be available at University Hill throughout the program.

"The rationale is that these students are so academically advanced that their intellectual needs truly cannot be met by the regular curriculum," said Blank, an emeritus professor in the Faculty of Education who specializes in educating gifted children.

Modelled after a 10-year-old program at the University of



Tally Vertinsky

Washington, Blank said the Transition School replaces a back-door system which has allowed gifted students to take courses on campus since the 1970s.

While enrolment in the Transition School may be limited, Blank added that advanced placement courses for science, math and French are available in more than 100 high schools throughout the province.

Asia

Continued from Page 1

Funded by the Max Bell Foundation, visiting professors with the program will teach, research and publish in areas covering basic legal and government systems, the constitution and structure and role of courts. Issues of trade, investment, environmental resource law and regulations governing marine and air transportation will also be considered.

The aim of the program's publication component is to provide English translation of

national laws and policy approaches to these issues. It is expected that the first publications will be issued in late 1994.

Visiting experts will be drawn from the faculties of Law at the universities of Indonesia, Malaysia and the Philippines, the National University of Singapore, Chulalongkorn University in Bangkok and Hanoi University.

The Southeast Asia program complements the centre's existing legal studies programs in Japan and China.

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**UBC Project
Information
Meetings**

Sept 9, 1993

12:30 - 2:30pm

UBCCAMPUS
IRC - ROOM 6
2194 Health
Sciences Mall

Topics

*Walter C. Koerner Library
Centre (Phase I)

*C.K. Choi Building for the
Institute for Asian Research

*Scarfe Expansion &
Renovation (Phase I)

*St. Andrew's Hall
Residence

For additional information
contact: Campus Planning &
Development, 822-8228 or
Community Relations, 822-3131

You are invited to attend...

UBC ALUMNI ASSOCIATION ANNUAL GENERAL MEETING

Date: September 23, 1993
Time: 7:00 pm for 7:30 start
Place: Cecil Green Park

The business part of the meeting will include reports on last year's activities and a review of plans for 1993-94.

The second half of the meeting will include a presentation by campus planner Andrew Brown. The topic:

The South Campus Plan

This area has been the subject of recent controversy over the building of a multi-million dollar National Research Council lab on part of the land. Mr. Brown will be available for questions after his talk.

Come meet our Board of Directors and get involved in your alumni association. Light refreshments will be served.



UBC REPORTS

UBC Reports is published twice monthly (monthly in December, June, July and August) for the entire university community by the UBC Community Relations Office, 207-6328 Memorial Rd., Vancouver B.C., V6T 1Z2.

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Homecoming offers variety of events

by Abe Heffer

Staff writer



From martial arts demonstrations to the Arts '20 relay and pancake breakfast, Homecoming '93 will feature something for everyone.

Whether you're among the more than 100,000 UBC graduates looking to share stories with fellow alums, a current student who enjoys the annual homecoming athletic events, or a member of the public looking to spice up life with a little magic, UBC is the place to be Sept. 30 to Oct. 3.

Saturday, Oct. 2 has been set aside for most of this year's key public attractions, including two events that were among the biggest hits during 1990's Open House: the chemistry magic show and the earthquake simulator.

There are the always popular tours of the campus and Botanical Garden, and a children's carnival featuring, face painters, buskers and numerous hands-on events organized by Urban Source, formerly the Imagination Market.

This year's production at the Frederic Wood Theatre is *The Love of the Nightingale* by Timberlake Wertenbaker.

Class of '33, Law '68 and Commerce '83 grads will want to gather for this year's reunions. And you won't want to miss the Great Trekker award reception, or the homecoming football game between UBC and San Francisco State.

If you're looking for a "swinging" time, try the family croquet tournament or the golf tournament.

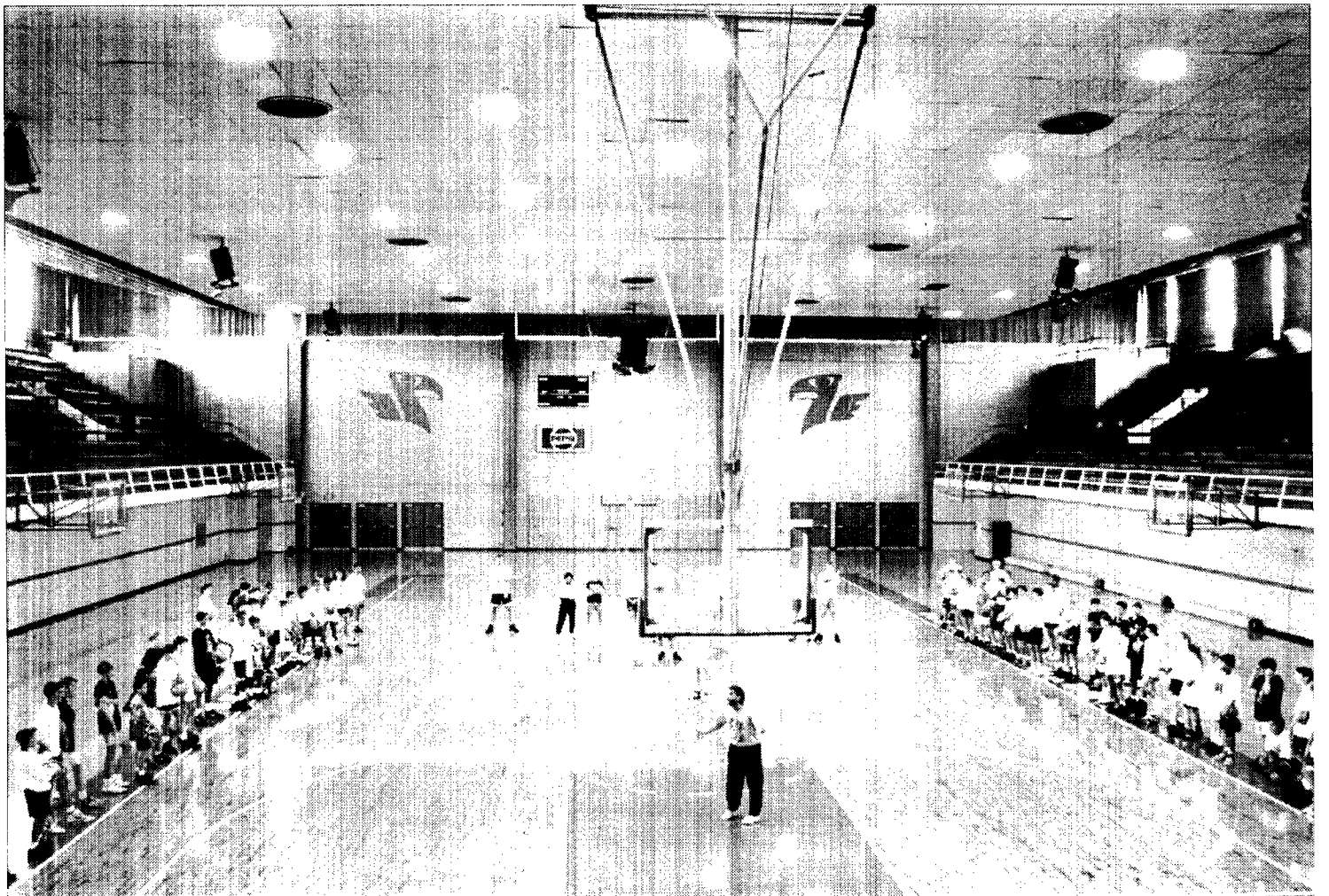
Still looking for something to do?

Bring in your collectibles, curios and contrivances to the artifact identification clinic at the Museum of Anthropology. The museum is also offering tours and talks by First Nations students.

You and seven friends could get together and rub shoulders with other relay teams in the Arts '20 relay.

Or better still, become part of this year's homecoming celebrations.

For homecoming event information call the Homecoming Hotline at UBC-1993.



Abe Heffer photo

Pass, Pass, I'm Open!

Men's basketball coach Bruce Enns makes a point to the more than 200 participants at last month's basketball camp at the War Memorial Gym. Enns and his coaching staff have wrapped up a very successful eighth season of the camp, which also included one-week sessions in Kelowna and Sardis.

UBC placed on polluters list

by Gavin Wilson

Staff writer

UBC has been placed on a list of provincial polluters after its bio-medical waste incinerator was cited for non-compliance with Greater Vancouver Regional District emissions standards.

It is the first time the university has appeared on the semi-annual list, which was published last month by the Ministry of the Environment. Meanwhile, attempts to upgrade UBC's incinerator to meet GVRD standards remain in limbo, pending the report of a provincial inquiry.

"Being on the list of polluters is a very serious matter," said Randy Alexander, UBC's hazardous waste minimization

manager. "It is intended to shame polluters into action. The irony is that we have acted in good faith to try to upgrade the facility, but in the past two years we've run into one stumbling block after another."

UBC was one of 120 polluters named in the list. The incinerator was cited for releasing excessive particulate and hydrogen chloride emissions on March 25.

After citing UBC for non-compliance, the GVRD advised the university to look at alternative disposal sites off campus. The GVRD, however, will not accept university research waste in its own landfills, requiring UBC to look farther afield.

An incinerator in Bellingham, Wash., will accept some, but not all, of UBC's bio-medical waste, but this means that the waste must be trucked through residential neighbourhoods on its way to the border.

"That's a concern to us," Alexander said. "We're also concerned that this is only a short term solution and a partial solution at that."

Alexander added that the cost of shipping waste to Bellingham and making modifications to the university's existing incinerator, another GVRD request, would exceed \$150,000. Meanwhile, the university is still hoping to get its proposed

replacement incinerator approved.

UBC has sought to upgrade its hazardous waste facilities since the provincial environment ministry announced in 1989 its intention of introducing stricter regulations for waste disposal.

A university task force set in motion a program to minimize and reduce hazardous waste production on campus. Planning also got underway for a new state-of-the-art incinerator to replace the aging facility currently in use.

Concern expressed about the incinerator at public meetings prompted the GVRD to ask for a comprehensive public consultation process, which began in mid-1992. A community advisory committee set up by the university for this purpose is still in place.

Then, in January of this year, the provincial government told the university to put the public consultation process on hold while provincial waste reduction commissioner Dorothy Caddell conducted a province-wide inquiry on bio-medical waste disposal, bringing all discussion of the UBC incinerator to a halt.

The Caddell commission is expected to make its report in September, including specific recommendations on the UBC incinerator.

Offbeat

by staff writers

Killer Instinct might sound like the name of the latest Hollywood blockbuster, but in reality it's the nom de mare of UBC's entry in the biennial human-powered submarine race.

Held this summer in Florida, the race pitted 42 teams from universities and technical institutes across North America to see who could design, build and race the best two-person submarine.

It was the second time a team of UBC engineering students entered the competition and they considerably bettered their previous showing.

The team earned a fourth-place finish in the design and innovation category of the competition.

The judges praised the design of the sub's sleek hull, which, painted black and white, resembles the body of a killer whale.

Also innovative was the drive train system, which is powered with pedals that operate like a stair-climber rather than the conventional bicycle-style crank.

In the race itself, the UBC team placed a respectable, but distant, 19th. "We were a little disappointed in the race results," said Jon Mikkelsen, a research engineer in the Dept. of Mechanical Engineering who acted as a faculty advisor to the team.

"We ran into problems when the hatches accidentally opened up during the race. There's still a few things to iron out"



An earlier entry

Market reveals NDP woes

The New Democrats may be in trouble heading into the next federal election, according to early results of the UBC Election Stock Market (UBC-ESM).

The market shows the NDP with 7.6 per cent of the seats in the House of Commons, based on the value of contracts being traded, according to one of the market's directors, Tom Ross.

The UBC-ESM shows the Liberals and Progressive Conservatives each with 35 to 36 per cent of seats in the house, followed by the Reform Party with 12.6 per cent and the Bloc Quebecois with 8.3 per cent.

The two-month old UBC-ESM is a financial market in which the ultimate values of the contracts being traded will depend on the outcome of the 1993

Canadian federal election. Participants invest their own funds and buy and sell listed contracts representing political parties.

About 120 traders from across the country have joined the UBC-ESM exchange system's fully computerized market, with about 35 coming from the UBC community.

"To have reached the 120 mark so early during the quiet summer months is a pleasant surprise," said Ross, an associate professor in the Faculty of Commerce and Business Administration. "We would like to see 200 traders on-line by mid-campaign."

An election call is widely expected to come any day.

If you are interested in becoming a trader on the UBC-ESM, call 822-8614.

Calendar

September 5 through September 18

Tuesday, Sept. 7

Botany Seminar

Interactions Between Vegetation And Environmental Variables On CH/HA Sites On Northern Vancouver Island. Lauchlan Fraser, M.Sc. candidate, Botany Dept. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

BioScience Seminar

Turbulence And Zooplankton. Dr. Hide Yamagaki, Earth And Ocean Sciences, U.Vic. BioSciences 1465 at 3:30pm. Call 822-3626.

UBC Dept. of Statistics Seminar

Two topics, two speakers: Modelling Daily Returns Of New York Stock Exchange By Time Series With Noises Having Stable Distributions, Xiaohua Wang, Studies In Applied Statistics: Ship Hull Design Optimization And Endogenous Group Comparisons, Anona Thorne. HA 413 from 4-5:30pm. Refreshments provided. Call 822-2234.

Wednesday, Sept. 8

Orthopaedics Grand Rounds

Reports From 1993 Canadian Orthopaedics Association Conference. Chair: Dr. Robert W. McGraw. Guest speakers are Orthopaedics residents. VGH Eye Care Centre Auditorium at 7am. Call 875-4646.

Newcomers Orientation

Open House/BBQ sponsored by Hillel House and the Jewish Students Association. Hillel House at 12:30pm. Call 224-4748.

Thursday, Sept. 9

Institute of Asian Research Seminar

Opening session of 1993 Modern South Asia Seminar Series. Professor John R. Wood, Chair, Centre for South Asian Research. Asian Centre 604 from 12:30-2pm. Light lunch provided. Call 822-4688.

CICSR Distinguished Lecture Series

Specifying Concurrent Systems. Dr. Leslie Lamport, DEC Systems Research Center. CICSR/CS Building 208 from 4-5:30pm. Call 822-6894.

UBC Physics Colloquium

Inertial Confinement Fusion, Mass Extinction And Stellar Interiors: What Do These Have In Common? Andrew Ng, Hennings 201 at 4pm. Call 822-3853.

Friday, Sept. 10

Applied Science Leadership Education

An Introduction Course To Economics And Financial Strategies. A one-day participation program on economic and financial analysis. Mr. Les Herbert, B.C. Tel Education Centre, 1795 Willingdon, Burnaby from 8-4pm. Registration/info call 822-3347.

Obstetrics/Gynaecology Grand Rounds

Fetal Size, Gestation Lengths And Parturition. Dr. Geoffrey

Thorborn, Monash University, Australia. Shaughnessy Site D308 at 8am. Call 875-3266.

Paediatric Grand Rounds

How Infections Are Spread In Hospitals. Dr. Donald Goldman, visiting prof., Div. of Infectious Diseases, Boston. G.F. Strong Auditorium at 9am. Call 875-2118.

Health Care/Epidemiology Grand Rounds

Health In Conflict: An International Perspective. Dr. David Meddings, Community Medicine resident, UBC site. James Mather 253, 5804 Fairview Ave. from 9-10am. Everyone welcome. Call 822-2772.

Occupational Hygiene Programme Seminar

The Workers' Compensation Appeal Process: Proving Industrial Disease Claims Before The Appeal Division. Connie Munro, Chief Appeal Commissioner, WCB. CEME 1202 from 12:30-1:30pm. Call 822-9595.

MOST Workshop

Negotiation Skills: Getting To Yes. Libby Nason, President's Office. Graduate Student Centre patio room from 9am-4pm. UBC employees only; fee \$50. Call 822-9644.

Chemical Engineering Weekly Seminar

N2O Emission From Fluidized Bed Combustion Of Fossil Fuel. Lawrence Sung, graduate student. CEME 206 at 3:30pm. Call 822-3238.

Sunday, Sept. 12

Shrum Bowl XVII - Football Game

UBC vs. SFU. Swangard Stadium, Burnaby at 1:30pm. Tickets are available at the AMS SUB ticket office or call 822-2531/24-hr. Thunderbird Varsity Sports Line at 222-BIRD.

UBC Chamber Music Series

A benefit concert with Jamie Parker and Friends. The Little Chamber Music Series That Could. Cameron Wilson's arrangements of Mission Impossible and Hockey Night in Canada featured. UBC Recital Hall, 6361 Memorial Rd. at 8pm. Admission by donation at the door. Call 255-5198.

Monday, Sept. 13

Astronomy Seminar

Star Formation Rates Of Local Group Galaxies. Paul Hodge, U. of Washington. Geophysics/Astronomy 260 at 4pm. Call 822-2696/2267.

Applied Mathematics Colloquium

Symmetries Of Einstein's Field Equations. Prof. Hans Stephani, Institute of Theoretical Physics, University of Jena, Germany. Mathematics 203 at 3:30pm. Call 822-4584.

Tuesday, Sept. 14

BioSciences Seminar

The Analysis Of 4,000 Amino Acid Replacements In The Lac Repressor Generated By Nonsense Suppression: What They Tell Us About Protein Structure-Function Relationships. Dr. Jeffrey H. Miller,

Dept. of Microbiology and Molecular Genetics, U. of Calif., LA. Biosciences 2000 from 12:30-1:30pm. Call 822-2133.

Centre For Applied Ethics Colloquium

Discounting The Future: A Fundamental Issue In Ethics And Economics. John Broome, U. of Bristol, Chair in Ethics and Economics. HA 225 from 4-6pm. Call 822-5139.

Biological Sciences Seminar

The Role Of Planktonic Ciliate Blooms In Coastal Food Webs. David Montagnes, Oceanography. Biosciences 1465 at 3:30pm. Call 822-3626.

UBC Dept. of Statistics Seminar

Growth Curve Analysis. Professor Soren Lundbye-Christensen, Aalborg University, Denmark. Refreshments provided. HA 413 from 4-5:30pm. Call 822-2234.

UBC Continuing Studies Panel Discussion

Election Coverage: Evaluating The Media's Role. Kevin Evans, CBC; Richard Johnston, UBC Political Science; Colin McLeod, UBC Philosophy; Bob Hackett, SFU Communications. Hotel Georgia (Downtown) York Room from 7-9:30pm. Free admission. Call 222-5272.

Wednesday, Sept. 15

Orthopaedics Grand Rounds

MRI And The Knee. Chair, Dr. Robert McGraw, guest speaker Dr. Peter Munk, radiologist, BCCA. Eye Care Centre Auditorium, VGH at 7am. Call 875-4646.

Centre for Health Services/Policy Research Seminar Series

Measuring Quality Of Life In Large-Scale Health Outcome Studies: Values, Validity And Problems Of Interpretation. Dr. David Hadorn. IRC conference room 414 from 10:30-11:30am. Call 822-5059.

Institute of Asian Research Seminar

The Spatial Structure Of Tokyo Metropolitan Region: Current Transportation Issues And Prospects. Norio Shimizu, Centre for Human Settlements, visiting scholar. Asian Centre 604 from 12:30-2pm. Call 822-4688.

Geography Colloquium Series

Is Geography Sustainable Without Geomorphology? David Edgington, assoc. prof., Geography. Geography 201 from 3:30-5pm. Call 822-5612.

Thursday, Sept. 16

UBC Board of Governors Meeting

The Board of Governors meet in the Board Room, second floor of the Old Administration Building, 6328 Memorial Rd. Open session time: TBA. Call 822-8300 for time.

UBC Orientation Session

For new and existing staff. Come find out about policies affecting you at work, meet key people across campus and win prizes. Yorke Room at Cecil Green Park from 9am-12 noon. Call 822-9644.

UBC Physics Colloquium

From The Electron Gas To The Electron Solid In 2D: An Experimental Journey. Marie d'Iorio, NRC, Ottawa. Hennings 201 at 4pm. Call 822-3853.

Friday, Sept. 17

Health Care/Epidemiology Grand Rounds

Acute Care Planning In The Lower Mainland. Ms. Lillian Bayne, Health Services Planner, GVRD, Ministry of Health. James Mather 253 from 9-10am. Everyone welcome. Call 822-2772.

Paediatrics Grand Rounds

Sudden Infant Death Syndrome. Dr. D. Wensley and Associates. G.F. Strong Auditorium at 9am. Call 875-2118.

MOST Workshop

Workers Compensation Board Claims Management. Noni Brown, formerly of Occupational Health

and Safety. Grad Student Centre Patio Room from 9am-12 noon. UBC staff only; fee \$35. Call 822-9644.

Obstetrics/Gynaecology Grand Rounds

Case Presentation. Dr. Basil Ho Yuen, Head, Div. of Reproductive Endocrinology And Fertility. Shaughnessy Site D308 at 8am. Call 875-3266.

Occupational Hygiene Programme Seminar

Re-entry Into Buildings After Application Of Insecticides. Warren Fox, Health/Safety Officer, Burnaby School Board. CEME 1202 from 12:30-1:30pm. Call 822-9595.

Chemical Engineering Weekly Seminar

Weather-Induced Degradation Of Plastic Products. Dr. Adnan Al-Jarallah, Ming Fahd University of Petroleum/Minerals, Saudi Arabia. CEME 206 at 3:30pm. Call 822-3238.

Notices

Centre for Faculty Development

Sept 19, 25 and 26. Instructional skills workshop for graduate teaching assistants in the Faculty of Arts. Adult Education Research Centre, 5760 Toronto Rd. from 8:30am-4:30pm. Call 822-9149/9164.

Frederic Wood Theatre

Season tickets now on sale. The Love of the Nightingale Sept. 22-Oct. 2; The Doctor's Dilemma Nov. 10-20; Toronto, Mississippi January 12-22; Loves Labours Lost Mar 9-19. Call 822-2678/3880 for ticket information.

Campus Tours

School and College Liaison tours provide prospective UBC students with an overview of campus activities/faculties/services. Every Friday at 9:30am. Reservations required one week in advance. Call 822-4319.

UBC Bookstore

Winter hours in effect August 16 are as follows: Mon., Wed., Fri., 8:30am-5pm; Wed., 8:30am-8:30pm; Sat., 9:30am-5pm. Call 822-2665.

Rhodes Scholarship Applicants 1994

Application forms available from the UBC Awards Office. Candidates must be Canadian citizens and born between Oct. 2/69-Oct. 1/75; be unmarried; and except for medical students, be recipients of an undergrad degree. Deadline, Oct. 22/93. Call Awards Office at 822-5111.

UBC International Forum

1993-94 series on Human Population Dynamics begins Sept. 30 with the first lecture on Sustainable Human Development. First speaker is Inge Kaul, Dir., Human Development Report, UNDP, New York. Woodward IRC #6 at 12:30pm. Call 822-9546/2848.

Disability Resource Centre

The Centre provides consultation and information for faculty members and students with disabilities. For more information about the Centre's services and programs, call 822-5844.

International Reachout Program

Student volunteers write letters to students intending to attend UBC, explaining life at UBC and in Canada, to ease the apprehension of international students. For information go to International House or call 822-5021.

English Language Institute Courses For Non-Native Speakers of English Career/

corporate courses evenings in: Reception/Telephone Skills; Interviewing/Resume Writing; Microcomputers; Adjusting To The New Workplace; Writing Messages. Call 222-5208.

Academic/Communication courses in Conversation, Writing and Grammar, Listening, Advance Discussion, TOEFL Preparation, Advanced Composition, Thesis and Article Writing. Call 222-5208.

UBC REPORTS

CALENDAR DEADLINES

Material for the Calendar must be submitted on forms available from the UBC Community Relations Office, 207-6328 Memorial Road, Vancouver, B.C. V6T 1Z2. Phone: 822-3131. Fax: 822-2684. Notices exceeding 35 words may be edited.

Deadline for the September 16 issue of UBC Reports — which covers the period September 19 to October 2 — is noon, September 7.

Calendar

September 5 through September 18

Notices (cont.)

Engineering Examination Tutorials

Evening series to assist applicants to prepare for APEGBC Professional Engineering Examination. Six consecutive Wednesdays beginning Sept. 8. CEME 1202 from 6:30-9:30pm. Call 822-3347.

Women Students' Office

Advocacy/personal counselling services available. Call 822-2415.

Fine Arts Gallery

Tues.-Fri. from 10am-5pm. Saturdays 12-5pm. Free admission. Main Library. Call 822-2759.

Infant Language Research

Have you ever wondered how infants learn language? Help us find out! If your child is between one and 14 months of age and you would like him/her to participate in our infant language acquisition studies, please call Dr. Janet Werker's lab at 822-6408.

Male Experience Research Project

Are contemporary ideas about men's lives truths or stereotypes? Counselling psychology student is looking for volunteers to take part in this study. If you're straight, white, 25-35, and interested in sharing your story call Lawrence at 822-5259.

Psychology Research Study

Seeking participants for a one-hour study involving the detection of deception in pain manifestation in illness behaviour. Honorarium \$10. Approx. one-hour appt. Call 822-5280.

Behavioural Study

Parents of children between 5-12 years of age are needed for project studying parent-child relationships. Involved are mailed questionnaires about family interactions. Contact Wendy at 822-9037.

Sexual Harassment Office

Advisors are available to discuss questions or concerns and are prepared to help any member of

the UBC community who is being sexually harassed find a satisfactory resolution. Call Margaretha Hoek at 822-6353.

Clinical Research Support Group

Faculty of Medicine data analysts supporting clinical research. To arrange a consultation, call Laura Slaney 822-4530.

Bone Building Study

10-11 year old females required for study on changes in bone during growth. Participation includes monitoring of bone density, nutrition and growth. Call 822-6766.

Stress Study

Seeking volunteers from the UBC management/professional staff who feel they cope with stress quite well or not well at all for participation in a two-hour group interview. Call Bonita Long at 822-4756/Sharon Kahn at 822-5454.

UBC Hearing Access Project

Free hearing assessments/help in dealing with effects of hearing loss on communication. Open to all UBC students, staff and faculty. Audiology/Speech Sciences. Call 822-5798.

High Blood Pressure Clinic

Adult volunteers needed to participate in drug treatment studies. Call Dr. J. Wright in Medicine at 822-7134/RN Marion Barker at 822-7192.

Volunteer Opportunity

University Hospital, UBC Site, invites friendly help to join the Volunteer Services group to staff the gift shop, visit patients and participants in other programs. Call Dianne at 822-7384.

Statistical Consulting/Research Laboratory

SCARL is operated by the Department of Statistics to provide statistical advice to faculty/graduate students working on research problems. Call 822-4037.

Surplus Equipment Recycling Facility (SERF)

Disposal of all surplus items. Every Wednesday, 12-5pm. Task Force Bldg., 2352 Health Sciences Mall. Call Vince at 822-2582/Rich at 822-2813.

Library Tours

For new and returning students. Tours of Main and Sedgewick libraries Sept. 2,3 at 10:30am. Sept. 13-17, 20-24 at 10:30am and 1:30pm. Meet in front of main library. Call 822-3096.

Introductory Main Garden Tours

Every Wednesday/Saturday now thru to September 25 at 1pm at the entrance to Botanical Garden. Admission cost includes tour. Call 822-4208.

Nitobe Garden

More beautiful than ever after recent renovations. Summer hours 10am-6pm daily. Call 822-4208.

News Digest

UBC students are being encouraged to pack condoms with their textbooks this September.

Volunteers will distribute free condoms on campus Sept. 7-9 between noon and 2 p.m. at the south plaza of the Student Union Building, and at the Frosh barbecue on Sept. 10 between 3:30 p.m. and 7:30 p.m., as part of the Vancouver Health Dept.'s annual Condomania Goes to School health promotion campaign.

The program, which runs Sept. 7 to Oct. 6 at several campuses across the Lower Mainland, is designed to promote safe sex among people 18 to 25 years old by popularizing the use of condoms.

A Maclean's/Decima poll of 500 Canadian university students indicates that one quarter of the respondents did not use condoms despite a 400 per cent increase in the incidence of sexually transmitted disease since the early 1960s and the threat of AIDS.



Gavin Wilson photo

Rapid Transit

Taking advantage of the quiet summer streets, a pair of campus visitors rollerblade down East Mall in front of the Curtis Building. The campus, with its pedestrian malls and service roads, is a popular spot with visiting rollerbladers, cyclists and skateboarders throughout the summer months.

With a federal election looming, UBC scholars will offer expertise on a range of issues this month and next in a series of six panel discussions.

The series opens Tuesday, Sept. 14 at 7 p.m. followed by weekly lunch-hour debates from noon-1:30 p.m. on consecutive Wednesdays. All sessions will be held in the York Room of the Hotel Georgia, 801 Georgia St.

Topics include: Evaluating the Media's Role (Tues. Sept. 14); The Deficit: How Much Does It Matter And What Can Be Done? (Wed., Sept. 21); Are Social Programs Still A Sacred Trust? (Wed., Sept. 29); Is Canada's Democracy Working? (Wed., Oct. 6); Where Are Women's Issues on the Political Agenda? (Wed., Oct. 13) and What Is Canada's Role In The World? (Wed., Oct. 20).

For more information on the series call the Centre for Continuing Education at 222-5209.

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The Crane Library and Resource Centre is looking for people who can help transcribe textbooks onto tape.

People who can read introductory level chemistry, biology, mathematics and statistics, as well as advanced computer science and fourth-year mathematics are asked to contact the library to set up training and recording sessions.

All recordings are done in Crane's professional talking book studios in Brock Hall. Previous experience in recording books is not a prerequisite, but an audition may be necessary.

If you can volunteer two hours each week, evenings or days, to record textbooks for blind, sight or print-impaired post-secondary students, please call 822-6111.

Crane will provide free parking at UBC.

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Breakthroughs in treatments for schizophrenia, Alzheimer's, Parkinson's and Lou Gehrig's disease will be the focus of the 15th World Congress of Neurology Sept. 5 to 10 at the Vancouver Trade and Convention Centre.

New drug therapies, including those developed by UBC scientists, and the effects of HIV infections, pain and sports injuries on the brain will also be explored, said Dr. Donald Paty, head of UBC's Neurology Dept. and secretary general of the congress.

A total of 1,500 scientific presentations will be made during the six-day event, including recent advances in migraine headaches and stroke prevention.

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Members of the Institute of Asian Research are reminded to register for the coming election of chairs in each of the five centres as well as members of the executive committee.

From Sept. 22 to 29, the institute's current management committee will prepare a list of nominees for each centre. Anyone who wishes to nominate an eligible candidate may obtain a nomination form from the institute before Sept. 29. Elections results will be announced at a general meeting at the Asian Centre auditorium on Oct. 12 at 3 p.m.

For more information call 822-4688.

T-birds tackle new season

by Abe Heffer

Staff Writer

For 19 years, Frank Smith has taken things one game at a time.

Now, as he enters his 20th season as head coach of the UBC football team, Smith isn't about to change his coaching philosophy.

"Despite some key injuries and our status as underdogs last season, the team's ability to remain focused on the immediate task at hand led to a 7-4 record," said Smith.

"If we can continue to operate on that basis by taking one game at a time, we should have a successful season."

The 1992 campaign ended for the Thunderbirds with a 26-24 overtime loss to the Calgary Dinosaurs in the Canada West final. The two teams will pick up where they left off tomorrow, when the T-Birds invade McMahon Stadium in Calgary for the 1993 season opener - minus some key contributors from last year.

Gone are all-star receiver Peter Poka, centre Troy Hardwick, special teams stand-out Jim Murphy, and all-Canadian inside receiver Mark Nowotny, who also handled place kicking and punting duties.

Starting defensive backs Andrew Walters and Leigh King are likely gone for the season. Walters suffered a knee injury and lacerations in a motorcycle accident last month. King, has undergone surgery to repair a broken ankle suffered in a scrimmage last week.



Steve Chan photo

Honours Science student and all-star running back Brad Yamaoka (number 30) is back for his third season with the Thunderbirds.

With two-a-day training camp workouts behind them and the one-a-day workouts concluding Sept. 1, the T-Birds will travel to Calgary with a roster of 32 players. Those who are being counted on to anchor the team this season include second-year quarterback Adrian Rainbow and all-star running back Brad Yamaoka on offense, as well as all-star lineman Dave McLaughlin and all-Canadian defensive back Andrew Walters on defence.

Rainbow's season came to a bone-crushing end last year when he suffered a fractured collarbone midway through the season against Manitoba. His

recovery appears to be complete. Before he went down, Rainbow was a picture of consistency, completing 66 of 105 passes for 1255 yards. Smith is expecting more of the same from his quarterback this season.

"I'm confident of Adrian's ability to remain a consistent performer. He's that type of person."

When the Vanier Cup rolls around Nov. 20 in Toronto, Smith is hoping his Thunderbirds will be on hand for their fifth appearance in the championship game.

Highlights of the season include Shrum Bowl 17 on Sept. 12, 1:30 p.m., at Swangard Stadium in Burnaby against Simon Fraser University and the annual homecoming game Oct. 2 against the San Francisco State Gators.

Classified

The classified advertising rate is \$15 for 35 words or less. Each additional word is 50 cents. Rate includes GST. Ads must be submitted in writing 10 days before publication date to the UBC Community Relations Office, 207-6328 Memorial Road, Vancouver, B.C., V6T 1Z2, accompanied by payment in cash, cheque (made out to UBC Reports) or internal requisition. Advertising enquiries: 822-3131.

The deadline for the Sept. 16, 1993 issue of UBC Reports is noon, Sept. 7.



DO IT RIGHT! Statistical and methodological consultation; data analysis; data base management; sampling techniques; questionnaire design, development, and administration. Over 15 years of research and consulting experience in the social sciences and related fields. 433-7807.

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New registry speeds search for housing

by Connie Filletti

Staff writer

The Alma Mater Society (AMS) has introduced a new, computerized off-campus housing registry for UBC students, which replaces the manual service previously provided by the Housing and Conferences Dept.

"This new system is the Cadillac of telemarketing equipment, and it's going to revolutionize the way students look for housing," said Roger Watts, AMS director of administration.

"Instead of coming all the way to campus to look at a bulletin board, students will be able to hear up-to-the-minute listings from any touch-tone phone. And it works fast, too; we've had accounts of this system bringing calls back to advertisers within five minutes of their posting an ad."

The new service lists up-to-the-minute rental accommodation available in the greater Vancouver Regional

District.

The listings, sorted according to type of housing and location, are rotated as they enter the system allowing callers to hear the newest listings first, Watts explained.

Students may use the system year-round, 24-hours-a-day anywhere in the world for the price of a long distance phone call. Local calls are free.

Watts said that as many as 500 listings a month will be available on the system to help meet the needs of what he predicts will initially be several hundred callers a day.

Currently, anyone with a computer and modem may call the registry at 822-9844, but plans are underway to limit access to students who will require a password to enter the system. The password will be available from the AMS business office with a valid AMS card.

Advertisers with accommodation for rent can list for free until October 1 by calling 822-9847.

"Instead of coming all the way to campus to look at a bulletin board, students will be able to hear up-to-the-minute listings from any touch-tone phone."

- Roger Watts



We can do it!

The Terry Fox Run for Cancer Research
Sunday, Sept. 19, 1993



1159 WEST BROADWAY, VANCOUVER, B.C. V6H 1G1

UBC - APPRECIATION CRUISE/TOUR

Presented by North South Travel and Tours/Cruise Vacations

16-day ASIAN CAPITALS & VIETNAM - May 11, 1994

10-day Cruise PLUS 6-night Land Package

Celebrating the 2nd Anniversary of our affiliation with UBC, NORTH SOUTH TRAVEL has designed this very special cruise/tour for the alumni, staff, families and friends of UBC. Incredible value, flexibility, timing, including one of the most interesting destinations - VIETNAM. Join us on board the new MARCO POLO from ORIENT LINES.

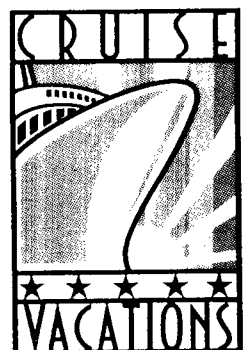
Darcy Hibberd, President,
NORTH SOUTH TRAVEL

UBC Price:

From \$2850.00 USD per person
And save up to \$1480.00 USD per person

Includes: 3-night 1st class hotel in Bangkok & sightseeing, economy class air between Bangkok & Singapore. 3-night 1st class hotel in Hong Kong & sightseeing, 10-day cruise on Marco Polo.

Not included: Port taxes and optional insurance, and INCREDIBLY low airfare of \$795.00 USD per person return from Vancouver.



Depart Date	Port	May 11, 1994	Arrive	Depart
Pre-Cruise Bangkok				
May 11	Depart Vancouver,	cross international dateline		
May 12	Arrive Bangkok, Thailand	(transfer to hotel)		
May 13	Bangkok (sightseeing)			
May 14	Bangkok			
May 15	Fly Bangkok / Singapore	(transfer to Marco Polo)		
Cruise Schedule				
May 15	Singapore		embark overnight	
May 16	Singapore		6.00pm	
May 17	Port Kelang	8.00am	7.00pm	
(Kuala Lumpur), Malaysia				
May 18-19	Cruise South China Sea			
May 20	Ho Chi Minh City (Saigon, Vietnam)		10.00am	overnight
May 21	Ho Chi Minh City		5.00am	
May 22	Da Nang (Hue), Vietnam		7.00am	10.00pm
May 23	Cruise South China Sea			
May 24	Canton, China		8.00am	7.00pm
May 25	Hong Kong		disembark	
Post-Cruise Hong Kong				
May 25	Hong Kong (sightseeing and transfer to hotel)			
May 26	Hong Kong			
May 27	Hong Kong			
May 28	Hong Kong / Return to Vancouver			

***** 731-5546/736-7447 *****



Abe Heffer photo

Associate Prof. Murray Hodgson (foreground) and fourth-year physics students Tony Skrjanec (left) and John Kim (right) measure the amount of reverberation and the level of background noise in a UBC classroom.

Acoustical survey shows UBC classrooms lacking

by Abe Heffer

Staff writer

In an effort to improve campus accessibility for people with hearing disabilities, an ad-hoc committee on hearing accessibility will develop design criteria that could result in better acoustics in new and existing classrooms.

As a first step, committee member Murray Hodgson, an associate professor in Occupational Hygiene with a cross-appointment in Mechanical Engineering, has completed an acoustical survey of UBC classrooms.

"The university recognizes classroom acoustics may not be as good as they could be," said Hodgson, whose main area of interest is the measurement, prediction and optimization of acoustics in work areas, such as classrooms and offices.

"The questions this survey attempts to answer: How good, or bad, are the acoustics in UBC classrooms, and why, and how can we attempt to design better classrooms in the future?"

Working with fourth-year physics students John Kim and Tony Skrjanec, Hodgson conducted a random acoustical survey of 45 of the approximately 450 classrooms at UBC. They measured the amount of reverberation in each room

and the level of background noise to determine speech intelligibility.

"An ideal classroom should have a speech intelligibility of at least 80 per cent," said Hodgson. "None of the classrooms measured fell into that category."

"Half the classrooms measured between 60 and 80 per cent, which is good, while the remainder fell between 40 and 60 per cent, which is fair," he explained.

Although there has been an improvement in the level of speech intelligibility in classrooms housed in newer buildings on campus, Hodgson said these preliminary findings would indicate that UBC classrooms, in general, need work to become acoustically acceptable.

Hodgson's final report to the committee in October, which will in

turn become part of a report the committee submits to K.D. Srivastava, vice-president of Student and Academic Services, will include ways to improve acoustics in new and existing classrooms.

"Not only will this improve learning conditions for students, but it will address the issue of occupational hygiene by helping faculty avoid the stress and fatigue that can result from poor acoustical conditions in a classroom," said Hodgson.

"An ideal classroom should have a speech intelligibility of at least 80 per cent. None of the classrooms measured fell into that category."

- Murray Hodgson

People

by staff writers

Three UBC graduates from the Faculty of Commerce and Business Administration have won prestigious transportation awards.

Andreas Dietrich was awarded the Air Canada outstanding student award for being the best student, graduate or undergraduate, in transport and logistics at UBC.

Nashir Hirjee won the National Transportation Week Society's student paper prize with his paper, An Analysis of the Recent Canada-Singapore Air Services Dispute.

Hirjee also received the Canadian Airlines International outstanding student award for his contribution to Commerce 444, a course in air transportation.

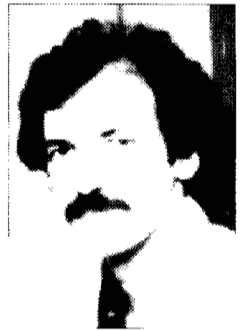
Doug Saunders won the Canadian Association of Logistics Management student paper prize with his master's essay, Hospital Logistics in the Canadian Environment.

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Michael Blades, a professor in the Dept. of Chemistry, is the recipient of the 1994 Fisher Scientific Lecture Award for his distinguished contributions to the field of analytical chemistry.

The award consists of a cash prize of \$1,500. As the award winner, Blades will deliver a lecture at the next annual conference of the Canadian Society for Chemistry in Winnipeg.

His research interests in plasma spectroscopy include the development and characterization of new plasma sources for trace element determinations, laser-excited fluorescence spectroscopy of microparticles, and ion-storage mass and optical spectrometry.



Blades

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Lithoprobe Director **Ronald Clowes**, who is also a professor in the Dept. of Geophysics and Astronomy, has become the first Canadian to win the George P. Woollard Award from the Council of the Geological Society of America.

The award is given annually in recognition of outstanding contributions to geology through the application of the principles and techniques of geophysics.

UBC-based Lithoprobe, the largest earth science project ever undertaken in Canada, is a research network involving 32 universities, more than 20 industrial collaborators and 13 government agencies. More than 500 scientists are, or have been, involved with the project.

Lithoprobe researchers use high-tech remote sensing technology and all applicable methods in the earth sciences to investigate the earth's crust and sub-crustal lithosphere to depths of 80 kilometres or more.

The objective is to determine the present structure and understand the past geological evolution of the North American continent over its four billion-year history.

Clowes will receive the award next month at the society's annual meeting in Boston.

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Prof. Bill Rees has been named director of the School of Community and Regional Planning. He takes over from **Alan Artibise** who has served as director since 1988.

Rees has taught resource ecology in the school since 1969. His investigations into the ecological basis for economic development have taken him from the Peruvian Andes to the Arctic.

A founding member of the 24-year-old environmental group Pollution Probe, Rees was also a key member of Vancouver's task force on atmospheric change. He has served as an environmental consultant for more than 20 years.

Assoc. Prof. Peter Boothroyd is serving as acting director until Rees begins his five-year term in January, 1994.



Rees

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Three members of UBC's Faculty of Pharmaceutical Sciences were honoured recently by the Association of Faculties of Pharmacy of Canada (AFPC).

Frank Abbott, chair of the Division of Pharmaceutical Chemistry, was presented with the association's McNeil Award in recognition of his outstanding contributions to pharmacy research in Canada.

Graduate student **George Tonn** (PhD, Division of Pharmaceutics) received the AFPC Award for best poster presentation and graduate student **Mel D'Sa** (MA, Division of Pharmacy Administration) received the AFPC/Merck Frosst Graduate Student Fellowship which recognizes academic excellence in pharmacy in Canada.

The awards were presented during the AFPC's conference on Pharmaceutical Biotechnology held in Vancouver last month.

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Prof. Emeritus Tony Scott has been awarded the G.M. Gerhardsen Memorial Prize in Fisheries Economics in recognition of his outstanding contributions to the field of fisheries economics.

The award was instituted in connection with the celebration of the 40th anniversary of the Centre of Fisheries Economics at the Norwegian School of Economics and Business Administration.

The award is in memory of the late G.M. Gerhardsen, the first professor and chair of fisheries economics at the school.

As part of the anniversary celebrations, two conferences were held at the centre this May, including innovations in fisheries management, which featured Scott as a keynote speaker. He presented a paper entitled The Concept of Property Rights in Fisheries.

Registrar welcomes new admissions agency

by **Connie Filletti**

Staff writer

A new central agency designed to make it easier for B.C. students to apply for admission to all public post-secondary institutions has been announced by the provincial government.

UBC Registrar Richard

Spencer said he welcomed the decision to establish the service.

"This is something that UBC has been in favour of for some time and we are very pleased that it is finally going ahead."

The centre, to be located in Kamloops, will begin processing applications after September 1994. Students will no longer

apply to individual colleges, universities or institutes.

Kamloops was chosen as the site of the new centre because of its strategic location in B.C.'s network of public post-secondary institutions, explained Tom Perry, minister of Advanced Education in a news release.

"This new central application system will greatly enhance service to students, eliminate duplicative administrative costs and track multiple applications ensuring an accurate assessment of student demand for spaces in post-education and training," he said.

The centre will be administered by a director who will report to a board comprising representatives from public universities, colleges and the ministry.

Spencer noted that while most

applications will go to the centre, UBC will continue to evaluate all applications, make admissions decisions and send offers of admission directly to applicants.

"This is something that UBC has been in favour of for some time and we are very pleased that it is finally going ahead."

- Richard Spencer

He said it is too early to predict exactly what the impact will be on the undergraduate admissions office at UBC, but hopes that the creation of the

central agency will make it possible for the university to offer improved service to applicants and to bring enrolments more closely into line with the quotas approved by Senate.

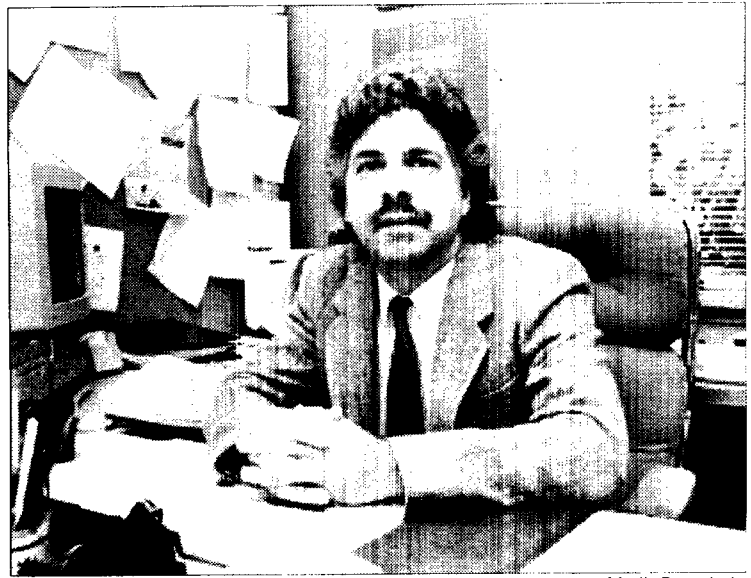
The central application service will:

- provide students with information on available programs and courses

- process approximately 150,000 applications received each year by public post-secondary institutions

- provide status reports to students on their applications and updates on program vacancies

- research and analyse student demand for post-secondary education and training to assist in planning and evaluating programs and curricula.



Martin Dee photo

Dr. Martin Schechter disputes theories which claim HIV infection is not the cause of AIDS.

Research confirms HIV link to AIDS

by **Connie Filletti**

Staff writer

Despite growing speculation to the contrary, the human immunodeficiency virus (HIV) does cause AIDS, a UBC researcher has confirmed.

"Some investigators are proposing that it is not HIV infection per se but rather the risk behaviours associated with it that cause AIDS," said Dr. Martin Schechter, a professor of Health Care and Epidemiology.

Proponents of this theory claim that chronic promiscuous sexual activity and drug use are causing the disease in homosexual men.

"It is a disservice to the many people infected with HIV and a hindrance to public health initiatives for scientists to claim that HIV is harmless and not related to AIDS," Schechter said.

In a controlled study of 715 homosexual men, Schechter found that all of the 136 AIDS-related illnesses diagnosed in the group occurred in individuals with pre-existing antibody.

No AIDS illnesses occurred in men who remained persistently negative for HIV during the six to eight years of follow-up.

"Unlike men in the study with HIV, uninfected men experienced no damage to their immune systems," he explained. "Counts of their T-helper cells, a type of white blood cell that is usually lost during HIV infection, remained stable, whether or not they used drugs or had an elevated frequency of sexual contact."

Schechter's report was published earlier this year in the British medical journal *The Lancet*.

New library fines aim to speed book returns

Beginning this month, fines will be charged on all UBC library materials as soon as they are overdue, whether or not they have been called in.

The goal of the Library's new fines policy is to improve the availability of books on the shelves, according to Leonora Crema, head of the circulation division.

"The old policies just didn't encourage people to return books on time. The new policy will ensure that books are back on the shelves so others who need them can use them."

Crema said that many academic libraries are trying to increase the availability of their collections, because book budgets don't allow them to buy as many copies of books as they

used to.

"Getting books back in time is one way of doing that," she added.

The new fine rates are \$1.00 a day for regular loans and \$1.00 an hour to a maximum of \$5.00 a day for reserve loans. The maximum late fine is \$30.00, with an added replacement fee if items are lost.

In addition, the library is introducing several new on-line services to make it easier to renew books and to keep track of what users have on loan. These include up-to-the-minute circulation information and self-service renewals, which will be available from UBCLIB, the Library's on-line catalogue.

For more information about the new services, call 822-3208.

coming
September 1993



NEW FINES POLICY & IMPROVED CIRCULATION SERVICES

The Library has a new circulation system and fines policy. Here's a guide to what's new:

IMPROVED ONLINE CIRCULATION SERVICES

- ➡ Up-to-the-minute circulation information
- ➡ Self-service renewals
- ➡ Self-service listing of items you've signed out

NEW FINES POLICY

- ➡ Automatic fines for all overdue materials
- ➡ Fine rates are:

Regular loans	\$1/day
Reserve loans	\$1/hour to a maximum of \$5/day
Max. late fine	\$30

For more information about the Library's loan policies, please pick up a copy of *Guide to Loan Regulations* at any UBC Library.