

UBC REPORTS

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February 4, 1999

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Susan Stern photo

Sink Or Swim?

First-year students (l-r) Kristina Zelenika, Nutrition, Fraser Walters, Music, and graduate students Junjiro Negisho, Forest Science, and Miko Nakamura, Educational Studies, practice their water sports skills in preparation for Rain Fest on Feb. 5 from 6 p.m. to 11 p.m. in the Aquatic Centre pool. Rain Fest is Intramural's main event during UBC's February Rain Festival. Students will compete in inner tube water polo, kayak/inflatable polo, water volleyball, boat jousting and the cardboard cup.

MOA guard builds better, folding cup

by Hilary Thomson

Staff writer

It's a dog dish. It's a boat bailer. It's a drinking cup.

What is this versatile invention? It's the UBCup, brainchild of Wayne Kieler, a UBC Campus Security officer.

After four years of research and development, Kieler now has a Canadian and American patent for his folding plastic cup.

It all started after Kieler witnessed a young man in a wheelchair using his hands to get water from a standard drinking fountain. Soon after he saw some children lying precariously on a log bridge to scoop creek water with their hands.

"Those incidents just stuck in my mind," says Kieler. "It didn't seem right that there wasn't a safe, easy way to get water."

Kieler says he just started "horsing

around with a piece of paper" and after what he describes as 10,000 mistakes developed the cup.

Shaped like an inverted pyramid, the cup is different from others on the market, says Kieler, because it weighs less, is cheaper to produce and has an elasticized band that attaches to the wrist so the cup can't be dropped. The final product will be made of clear plastic that allows the drinker to check the water quality before gulping down a drink.

Kieler, who works in the Museum of Anthropology, showed the prototype to MOA director Ruth Phillips. She suggested it could be modified into a dog dish to get water from drinking fountains in public parks.

An outdoorsman himself, Kieler says the cup is perfect for hikers, fishers and joggers because it is light and compact.

See *CUP* Page 2



Kieler

Popular series promises pianist, CBC newshound

This year's Vancouver Institute spring lecture series at UBC features one of UBC's most remarkable and productive research collaborations. Drs. Patrick and Edith McGeer, one of Canada's most celebrated pianists, Music Prof. Jane Coop and a former CBC national news anchor, Knowlton Nash, who is concerned about media's preoccupation with sensationalism.

The free series continues to March 27. Unless otherwise noted lectures take place at 8:15 p.m. in Lecture Hall 2 of the

Woodward Instructional Resources Centre.

The lecture schedule is:

Feb. 6: Justice Rosalie Abella, "Human Rights and Women: A Generational Snapshot."

Feb. 20: Dr. Patrick McGeer and Dr. Edith McGeer, "Prospects for Preventing Alzheimer's Disease."

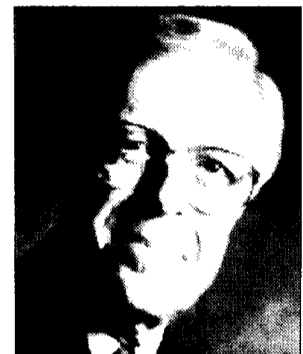
Feb. 27: Knowlton Nash, "Trivial Pursuit."

March 6: Dr. Clyde Hertzman, "Why are Some Societies Healthier than Others."

March 13: John MacDonald, "Monitoring the World's Oceans from Space." See *INSTITUTE* Page 2



Coop



Nash

Physicist among four to take top fellowship

UBC physicist Douglas Bonn has been awarded a \$180,000 1999 NSERC Steacie Fellowship for earning international recognition in his field. Also among the four Canadians who will receive the award is Norman Beaulieu, a UBC graduate and professor of Mathematics and Statistics at Queen's University.

The announcement of the winners of the fellowships, considered to be one of the most important research prizes in Canada, was made in Ottawa today.

Among the four winners of 1999 Doctoral Prizes is Troy Day, an NSERC post-doctoral fellow in Zoology at UBC.

Bonn, an associate professor in the Superconductivity Program of the Canadian Institute for Advanced Research, has had a major impact internationally on understanding high temperature superconductivity. It is one of one of the most competitive quests in science in the past decade, an endeavour considered crucial to the development of future ap-

plications of these exotic metals and crystals.

"I am an all-Canadian product who grew up in Ontario and did my post-doctoral work at UBC," said Bonn. "So it is possible to get a great education to the point of doing international scale research without necessarily trekking south of the border."

His success in studying how electrons respond to microwave and infrared radiation has earned him recognition as one of the world's top superconductor experimentalists.

In 1993, with colleague Walter Hardy, Bonn was the first to report accurate measurement of the depth that microwaves penetrate a superconducting crystal, a discovery that completely altered the then prevalent view on the nature of high temperature superconductivity. In 1997, the Canadian Association of Physi-

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Inside

Georgia On Their Mind

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Researchers work to make southwestern B.C. a good place to be in 2040

Art To Heart

8

The Belkin Gallery takes Shadbolt and Carr to the Downtown Eastside

"reduce conflicts
in forest planning"

ILAN VERTINSKY

Faculty of Commerce and Business Administration

EMINA KRUMAR-NOZIC

Forest Economics Policy Analysis Research Unit

Think
About It.

UBC RESEARCH
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Institute

Continued from Page 1

March 20: Jane Coop, "Chopin and his Milieu; Antecedents and Consequences." This is a special lecture and recital in the Chan Centre. Tickets, which are required, are now available at the Bookstore, Magic Flute and the Chan Centre Box Office.

March 27: Ann Kaplan, "Multicultural Women's Films; Resisting Current Stereotypes."

Recent books written by series speakers will be available at the door or at the UBC Bookstore.

This season marks the institute's 83rd year. For more information visit <http://psg.com/~ted/vanist/>

Fellowship

Continued from Page 1

cists awarded him with the Herzberg Medal for outstanding achievement by a physicist under 40 years of age.

Beaulieu, who earned a PhD in UBC's Dept. of Electrical Engineering in 1986, is a world authority in wireless communication theory. He has discovered ingenious mathematical approaches to predict in advance how well new wireless and digital communications systems will perform, which is of keen interest to those who design cell phone networks.

He was appointed to a full professorship at Queen's less than seven years after earning a PhD in electrical engineering at UBC. In January he was elected a fellow of the Institute of Electrical and Electronic Engineers, the largest professional organization in the world.

Day, who earned his \$5,000 prize and silver medal at Queen's, is using mathematical models to gain new perspectives on important issues in evolutionary biology at UBC.

This year marks the 35th year that the awards have been made, with the honors now topping 100 and including many of the country's most distinguished researchers.

Cup

Continued from Page 1

Larger, sturdier versions of the cup can serve as kayak or boat bailers and dry pet food scoops.

It will be marketed with a holster so it can be stored and re-used. A disposable version for car trips, picnics or other outings is also planned.

The UBCup is Kieler's first invention.

"This has overwhelmed me," says Kieler of his success. "The day the patent was issued, I was just walking around in a fog."

Kieler is looking for a Canadian manufacturer for the item and expects it will cost less than \$1 to produce.

A retired RCMP officer, Kieler hopes the profits from the UBCup will augment his pension when he retires from UBC after 14 years of service next January.

Kieler plans to donate a portion of the profits to the MOA. A big fan of the museum, he says working there has been "a breath of fresh air" for him and credits the faculty and staff with giving him a lot of support as he developed the UBCup.



THE UNIVERSITY OF BRITISH COLUMBIA PETER WALL INSTITUTE FOR ADVANCED STUDIES WEEKLY COLLOQUIUM

In conjunction with moving into our new facilities in the University Centre (the former Faculty Club), the Peter Wall Institute for Advanced Studies plans a colloquium series to be held on Monday afternoons. We propose a partnership with other academic units to share the cost of bringing in outstanding external visitors.

Every Monday we will sponsor a talk to be held in the Institute's third floor conference area at the University Centre. Faculties, departments and other academic units are invited to nominate speakers at least six weeks prior to the scheduled Monday talk. The Institute will select one each week to host. A decision as to which talk will be cohosted will be made five weeks prior to the planned date.

The nominating unit is expected to make all the arrangements for the visit and to pay for transportation and related costs. The Wall Institute will provide accommodation for up to three nights in the Institute's residential annex. In addition, we will sponsor a lunch immediately preceding the talk. The Institute will pay for up to 12 guests (10 to be selected by the nominating unit and two by the Institute) at the lunch.

Units are welcome to send in a list of proposed speakers over the course of a term rather than having to make individual applications. The application should include a brief description of the topic of the talk and a short bio of the presenter. The nominated talk should fit with our mandate — that is, it should involve basic research and be relevant across disciplinary boundaries. For more information about the Institute and this program, check our website (<http://www.pwias.ubc.ca>) or contact the Institute by e-mail (info@pwias.ubc.ca) or by phone (822-4782).

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- lingerie
- scarves
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- cds
- clothes
- aromatherapy



FEBRUARY 10, 11, 12, SUB CONCOURSE

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Print	⌘P	
Close Window	⌘W	
Get Info	⌘I	
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Make Alias	⌘M	
Put Away	⌘Y	
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Find Again	⌘G	

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THE UNIVERSITY OF BRITISH COLUMBIA
Public Affairs Office

GREEN VISITING PROFESSOR IN RESIDENCE



1999-2000 and Subsequent Years

Nominations are invited for the position of Cecil H. and Ida Green Visiting Professor in Residence. Nominees must be exceptional researchers from outside UBC whose work has the potential for significant impact in more than one discipline. The appointee will live at Green College for three months and conduct a seminar under the auspices of the Individual Interdisciplinary Studies Graduate Program. The first appointment will be made in 1999.

For detailed terms and procedures, contact Rosanne Rumley at Green College, 6201 Cecil Green Park Road, Campus Zone I or vsp@interchange.ubc.ca or fax to 822-8742.

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Ruth Warick photo

Library student Patricia Yu (left) learns what it's like to be a disabled library patron as she is guided around the Koerner stacks by Woodward Library student assistant Katherine Taylor. The exercise is part of a workshop sponsored by the Library and the Disability Resource Centre to raise awareness and improve services for disabled persons. The centre provides customized workshops across campus.

Students learn lessons in disability awareness

by Hilary Thomson
Staff writer

Getting a book out of the library is a routine activity for most UBC students and faculty.

But for persons with disabilities, navigating computer catalogues, stairs and stacks can be a daunting challenge — especially when staff members are unsure how to help.

That's why the Disability Resource Centre (DRC) and the Library recently sponsored a series of disability awareness and information workshops.

The workshops focus on communication and service strategies to assist library users who have a disability. Designed for students who work in the library or are studying to be librarians, the workshops have been attended by nearly 120 students.

"The student assistants who work in the library want to do the best job in assisting persons with disabilities but they weren't familiar with all the services we offer," says librarian Sheryl Adam, co-organizer of the workshops.

Three teams of two students, trained as workshop facilitators by the DRC, lead the two-hour sessions. Four of the facilitators have a disability themselves; three have worked in the library. The sessions are funded by a grant from the Teaching and Learning Enhancement Fund.

"Students appreciate a peer facilitating the workshop. They feel comfortable asking us questions about disabilities and appreciate our openness," says Lara Brown, one of the workshop facilitators.

Participants learn first-hand about difficulties through simulation activities. These include getting a book from a high shelf while using a wheelchair or crutches, using the on-line catalogue with tempo-

rarily immobilized fingers and guided walking through the library wearing sunglasses covered with white plastic.

Communication awareness is a key part of the workshop. Facilitators encourage participants to speak directly to the blind or hard of hearing library user instead of addressing their companion. Using words that are a normal part of conversation such as see, walk and hear is important to avoid condescending or awkward communication.

"It was great to be taught by peers who have a disability, learn about their experiences and gain valuable tips on communicating," says Bethan Davies, a student in the School of Library, Archival and Information Studies. "I now feel more confident to ask people how I can help them."

Facilitators discuss service strategies related to various disabilities and a video is used to illustrate some typical enquiries. Emergency evacuation procedures are also reviewed.

A guide to the UBC Library for students, faculty and staff with disabilities is available on the Web at www.library.ubc.ca/home/access/

The DRC offers customized workshops across campus and provides disability awareness and information workshops through UBC's MOST Program.

Established in 1990, the DRC helps the university community to provide a welcoming and accessible learning and working environment.

Services include disability-related advising, arranging for specialized equipment, interpreting, captioning and consultation to faculty and staff on disability resource issues. The centre currently assists about 300 students, faculty and staff.

For more information about workshops contact DRC adviser Ruth Warick at (604) 822-6233.

Think tank's challenge: improve area by 2040

Is it possible for us to enhance human well-being while protecting ecological health in southwestern British Columbia by 2040? A group of researchers at UBC, Simon Fraser University and the University of Victoria think so.

The Sustainable Development Research Institute (SDRI), a UBC think-tank, has recently been awarded \$2.5 million in funding from the Social Sciences and Humanities Research Council (SSHRC) for a five-year research program to address this challenge.

The Georgia Basin Futures Project will focus on the region encompassing the Lower Mainland and southeastern Vancouver Island including Victoria.

The project, led by SDRI's director John Robinson, involves almost two dozen researchers from a wide variety of disciplines including planning, public policy, economics, sociology, health care, resource and environmental management, zoology and global environmental change.

According to Robinson the basis of the study is a framework developed by SDRI that considers the world as made up of three prime systems — the biosphere, human society and the economy. Each system has its critical goal, he says.

"The ecological goal is to remain within the earth's carrying capacity, the social goal is to create and maintain societies that satisfy individual and community aspirations, and the economic goal is to ensure adequate material standards of living," says Robinson. "All three goals are linked and must be satisfied simultaneously if we are to achieve sustainability."

Researchers believe that the three goals can be reconciled and will determine how this can be done over the next 40 years.

They hope that a balance can be achieved using two strategies.

The first is dematerialization — maintaining or increasing goods or services while reducing their material and energy content. The second, re-socialization, would increase human well-being per dollar of economic activity.

Robinson says the project will begin by generating hundreds of scenarios for a sustainable Georgia Basin in 2040. The scenarios will combine the expert knowl-

edge of the research team and the values and preferences of the interested public.

To conduct these analyses, the research team will use a new version of QUEST, a user-friendly computer modelling system previously developed for the Lower Fraser Basin by SDRI and Envision Sustainability Tools, Inc.

The Georgia Basin version will use information provided by the researchers on how ecological, social and economic systems interact. Citizens will then make decisions about populations, transportation, land use, social health and a wide range of other areas.

The public consultation process will also involve a wide range of government planners, community leaders and decision-makers and non-government organizations.

Through a series of workshops, focus groups, interactive Web tools and school programs, individuals will be able to see the consequences and trade-offs associated with their choices. They will be able to determine their desirability in light of their technical, ecological, social, economic and policy implications.

Partners to date include Environment Canada, BC Hydro, the David Suzuki Foundation, BC Hydro, the Sustainaid Sustainability Tools Inc., the Fraser Basin Council and the Greater Vancouver Regional District. Other partners are the B.C. Ministry of Municipal Affairs, the B.C. Ministry of Environment, Lands and Parks, the National Research Council, the Open Learning Agency, Science World, Tellus Inc. and *The Vancouver Sun*.

The project will also collaborate with similar case studies of rapidly urbanizing regions. These include the American side of the Georgia Basin, Mexico, China, India, the United Kingdom and the Netherlands, says Caroline Van Bers, SDRI's research manager.

"The results of the project will be a series of detailed scenarios for a sustainable Georgia Basin in 2040 and a clearer idea of the policies needed to get us there," says Robinson.

"The project will also foster new forms of public involvement enabling citizens to understand and ultimately control their futures."

"The ecological goal is to remain within the earth's carrying capacity."

— John Robinson

UBC leads way in Lower Mainland

UBC is the top Lower Mainland organization in the United Way category of Leaders of the Way with 82 donors who contributed \$1,000 or more, up from 67 last year.

At \$293,390 total campaign contributions increased from last year's campaign but fell just shy of the goal of \$300,000.

This year's campaign chair Eilis Courtney praised UBC's United Way volunteers for their efforts and enthusiasm.

"Faculty, staff, emeriti and students worked together to raise funds and awareness for the UBC United Way campaign this year and it was a great success," says Courtney.

UBC was also among the top organizations in the Discoverer category — those with donors who contribute \$500 or more.

Plant Operations' Moe Gallant was the winner of the campaign's grand raffle prize — a trip for two to any Canadian Airlines destination.

Tere Rostworowski, from the School of Nursing, won the top donor prize of a weekend getaway at Sun Peaks Resort.

Anyone who still wants to contribute to the campaign please contact Eilis Courtney



United Way

at 822-6192 or call the United Way line at 822-8929.

Calendar

February 7 through February 20

7-9pm. Continues to Feb. 13 9am-3pm. \$50; \$25 seniors. To register call 822-9815.

Thunderbird Women's Volleyball

Vs. University of Regina. War Memorial Gym at 7pm. Continues to Feb. 13. \$7 adults; \$4 youth/seniors; \$3 UBC students; children under 12 free. Web site: <http://www.athletics.ubc.ca> or call 822-2473 (UBC-BIRD).

Thunderbird Men's Ice Hockey

Vs. University of Alberta. Thunderbird Winter Sports Centre at 7:30pm. Continues to Feb. 13. \$7 adults; \$4 youth/seniors; \$3 UBC students; children under 12 free. Web site: <http://www.athletics.ubc.ca> or call 822-2473 (UBC-BIRD).

Chan Centre Musical

The Wiz. Musical Theatre Society of UBC. Chan Centre Chan Shun Concert Hall at 8pm. Continues to Feb. 13 at 2pm; 8pm; Feb. 14 at 2pm. Call Ticketmaster 280-3311 or for info 822-2697.

Saturday, Feb. 13

Graduate Students Seminar
Principles And Practices Of Authentic Assessment. FNCS 40 from 9:30am-12:30pm. To register call 822-6827.

Graduate Students Seminar
Reflecting On And Improving My Teaching. FNCS 50 from 9:30am-12:30pm. To register call 822-6827.

Graduate Students Seminar
Evaluating Participation And Group Work. FNCS 40 from 1:30-4:30pm. To register call 822-6827.

Graduate Students Seminar
Formative Feedback On Teaching. FNCS 50 from 1:30-4:30pm. To register call 822-6827.

Monday, Feb. 15

Vancouver School Of Theology Workshop

Centering Prayer Intensive. Rev. Cynthia Bourgeault. \$190; \$95 seniors; \$180 group. Chalmers Institute from 10am-4pm. Continues to Feb. 19. To register call 822-9815.

Engineering/Architecture Distance Education

Managing Intellectual Property For The Millennium. Basic Management Of Intellectual Property. Various speakers. CEME 1202 from 8:30am-5:30pm. Continues to Feb. 19. \$1300; \$300/day includes materials, lunch, refreshments, evening event, certificate. To register call 822-3347.

Fish 500 Seminar

Regional-Scale Modelling Of B.C.'s Small Lake Rainbow Trout Fishery: Implications For Regulations And Development. Co-operative Versus Non-Co-operative Management Of Shared Linefish Stocks In South Africa: An Assessment Of Alternative Management Strategies For Geelbek. Sean Cox; Trevor Hutton. Hut B-8 Ralf Yorke Room at 11:30am. Refreshments at 11am. Call 822-4329.

Tuesday, Feb. 16

UBC Botanical Garden Lecture Series

Vegetables For Home Gardens And Patios. David Tarrant. UBC Botanical Garden reception centre from 12noon-1pm. \$5 at the door. To register call 822-3928.

Microbiology And Immunology Seminar

Molecular Dissection Of Mitogillin. A Fungal Ribotoxin. Richard Kao. Wesbrook 100 from 12:30-1:30pm. Call 822-3308.

Science Networking

XX Evening - Meet Women In Science/Tech Careers. Science World from 6-10pm. Omnimax movie, pizza. To register call 687-5339.

Museum Of Anthropology Film Tribute

Remembering Chief Dan George Part 3 and 4: The Education of a Phyllistine Parts I and II. MOA Theatre Gallery at 7pm. Web site: <http://www.moa.ubc.ca> or call 822-5950.

Wednesday, Feb. 17

Orthopedics Grand Rounds
A Comprehensive Analysis Of The Swimmers' Shoulder. Kevin McKim. VGH, Eye Care Centre Aud. at 7am. Call 875-4192.

Obstetrics And Gynecology Seminar

Apoptosis In Bovine Follicles. Ming Yang. In Animal Science. B.C.'s Women's Hosp. 2N35 at 2pm. Call 875-3108.

Thursday, Feb. 18

Breast Health Centres Conference

The Team Approach. Hyatt Regency Hotel from 8am to 5pm. Physicians, \$150; Others, \$85. Call 822-4965. To register e-mail: elaine@cehs.ubc.ca or call 822-2626.

Vancouver School Of Theology Workshop

Thinking Ritually: Giving Shape To Christian Experience. Rev. Richard Leggett. Chalmers Institute from 9:30am-4pm. \$40; \$20 seniors; \$30 group. To register call 822-9815.

UBC Botanical Garden Lecture Series

Vegetables For Home Gardens. TBA. Vancouver Public Library from 12noon-1pm. \$5 at the door. To register call 822-3928.

Centre For Korean Research

The Future Of The Media. Mi-Jung Lee, anchor person. Vancouver Television. CK Choi 120 from 12:30-2pm. Call 822-2629.

CICSR Distinguished Lecture Series

System-On-A-Chip: A New Challenge For Electronic Design And Test Community. Bozena Karminska. Ecole Polytechnique de Montreal. CICSR/CS 208 at 4pm. Refreshments. Call 822-6894.

Biostatistics Seminar

Ecological Fallacy: Can Ecological Data Measure Our Health? K.C. Carriere. Mathematical Sciences, U of Alberta. CSCI 301 from 4-5:30pm. Call 822-0570.

Faculty Research Excellence Award Winner Lecture

On Qualitative Sensitivity Analysis. Dean Frieda Granot. Graduate Studies; Commerce and Business Administration. Angus/David Lam Amphitheatre at 4:30pm. Refreshments at 4:15pm. Call 822-8518.

Vancouver School Of Theology Public Lecture

Recent Futures: Ecological And Spiritual Issues For The Church, Business And Society. Aldyen Donnelly. Greenhouse Emissions Management Consortium. VST Epiphany Chapel at 7:30pm. Call 822-9815.

Friday, Feb. 19

Breast Cancer Conference

Hyatt Regency Hotel from 8am to 5pm. Continues Feb. 20. \$150. Call 822-4965. To register e-mail: elaine@cehs.ubc.ca or call 822-2626.

Pediatric Grand Rounds

Safety And Comfort - Anesthesia, Sedation And Pain Control Outside The Operating Room. Dr. Norbert Froese. Anesthesia, B.C.'s Children's Hosp. GF Strong Aud. at 9am. Call 875-2307.

Vancouver School Of Theology Workshop

Creating Healthier Churches. Ron Richardson. Chalmers Institute

from 10am-4pm. \$80; \$40 seniors; \$70 group. To register call 822-9815.

Fish 500 Seminar

Decision-Making By Fisheries And Fishing Strategies Analyses. Silvia Salas; Source And Fate Of Bycatch In The Gulf Of Mexico. Laura Vidal. Hut B-8 Ralf Yorke Room at 11:30am. Refreshments at 11am. Call 822-4329.

Program For Intercultural Studies In Asia/Institute Of Asian Research Conference

Conference On The Ramayana: Performance And Dinner. CK Choi 120 from 4-8pm. \$15. Continues to Feb. 20 from 9am-5:30pm. \$10 lunch. Register by Feb. 10. To register call 822-2629.

Thunderbird Women's Basketball

Vs. University of Lethbridge. War Memorial Gym at 6:15pm. Continues to Feb. 20. \$7 adults; \$4 youth/seniors; \$3 UBC students; children under 12 free. Web site: <http://www.athletics.ubc.ca> or call 822-2473 (UBC-BIRD).

Thunderbird Men's Basketball

Vs. University of Lethbridge. War Memorial Gym at 7:45pm. Continues to Feb. 20. \$7 adults; \$4 youth/seniors; \$3 UBC students; children under 12 free. Web site: <http://www.athletics.ubc.ca> or call 822-2473 (UBC-BIRD).

Notices

Morris and Helen Belkin Art Gallery

Zaj Invitations from the Kenneth Coutts-Smith Archive Exhibit. Morris and Helen Belkin Art Gallery Tue.-Fri. 10am-5pm; Sat.-Sun. 12noon-5pm. Continues to March 21. \$2 adults; \$1 seniors; Free for students, UBC faculty and staff with valid ID. Web site: <http://www.belkin-gallery.ubc.ca> or call 822-2759.

Twin Research

Are you, or do you know a female adult twin? We are studying the relationship types of fraternal and identical female twins. If you can help by completing some questionnaires and being interviewed about relationships, please e-mail: tmacbeth@cortex.psych.ubc.ca or call Dr. Tannis MacBeth, Psychology 822 4826.

UBC Utilities Advisory Notice
UBC Utilities regularly performs maintenance work on underground piping and electrical systems. Work sites are always blocked off with appropriate signs and barriers, however sometimes these signs and barriers are removed by unauthorized individuals. Please approach work sites cautiously and respect signs and/or work crew instructions to avoid potential harm. Potential hazards include falling, electrical shock, burns, and other harmful events. If you have any questions concerning a UBC Utilities work site, please call 822-9445.

Call for Submissions

Fugue. UBC's annual literary non-fiction anthology, needs original works of biography, autobiography, personal essay, memoir, rhetoric, research-based essay (excluding academic essays), non-fiction film and radio feature scripts, experimental pieces, etc. Max. about 4,000 words. Feb. 15 deadline. Related visual art submissions also welcome. Send submissions to the Dept. of Creative Writing, Buchanan E-462, Attention: Jeremiah Aherne, e-mail: fugue1999@hotmail.com; or call 822-2514.

Thinking About Graduate School?

The Faculty of Graduate Studies is interested in learning about the decision making process you will go through to choose a graduate school. If you are presently "shopping" for a graduate school (for either a master's or PhD), we want to hear from you! If you would be

interested in participating in a survey please contact denisels@mercury.ubc.ca.

Art Exhibit

Emily Carr/Jack Shadbolt: Heart of Darkness. Or Gallery, 112 West Hastings Street from 12noon-5pm. Continues to Feb. 27. Web site: <http://www.netsign.com> or call 683-7395.

Research Study

I am a grad student looking for families with an autistic child(ren) to answer a questionnaire regarding the effects of raising autistic children. The child must be seven years old or younger. Please call Keri Smalley 738-8025.

TRIUMF Public Tours

An 80 min. tour takes place every Wednesday and Friday at 1pm. Free parking. Continues to April 30. To arrange for a group tour call 222-7355 or Web site: <http://www.triumf.ca/>.

Volleyball

Faculty, Staff and Grad Students Volleyball Group. Every Monday and Wednesday. Osborne Centre Gym A from 12:30-1:30pm. No fees. Drop-ins and regular attendees welcome for friendly competitive games. Call 822-4479 or e-mail kdc@unixg.ubc.ca.

UBC Zen Society

Each Monday during term (except holidays) meditation session.

Asian Centre Tea Gallery from 1:30-2:20pm. All welcome. Call 822-2573.

Studies in Hearing and Communication

Senior (65 years or older) volunteers needed. If your first language is English and your hearing is relatively good, we need your participation in studies examining hearing and communication abilities. All studies take place at UBC. Hearing screened. Honorarium paid. Please call The Hearing Lab, 822-9474.

Parents With Toddlers

Did you know your child is a word-learning expert? Help us learn how children come to be so skilled at learning new words! We are looking for children (one-five years old) and their parent(s) to participate in language studies. If you are interested in bringing your child for a 45-minute visit, please call Dr. Geoffrey Hall's Language Development Centre, Psychology at UBC, 822-9294 (ask for Kelley).

Relationship Research Study

Heterosexual men (25 years of age and older), in relationships of greater than six months needed for a UBC study of relationships. Complete questionnaire at home. Receive \$10. Call 822-2151.

Snow?

"The University will remain open during snow storms but may cancel or reschedule classes on a university-wide basis and/or curtail non-essential services in response to the conditions."—UBC Policy on Disruption of Classes/Services by Snow, May 1994

In the event of extreme snow conditions, listen to CBC Radio, CKNW and other local radio stations for information.



Next deadline:
noon, Feb. 9

News Digest

The Master of Archival Studies program in the School of Library, Archival and Information Studies has been awarded the 1998 Distinguished Service Award from the Society of American Archivists.

The society recognized the program for its outstanding service and exemplary contribution to the profession calling it a model to which graduate professional programs might aspire.

John McDonald, head of the division of government records at the National Archives of Canada, nominated the program for the award, which has not been given since 1996.

"This world-class program, which is the only graduate degree program for archives in North America, has a well-earned national and international reputation as one of the leading archival education programs in the world," said McDonald. "The UBC program has been the beacon to which both developed and emerging archival education programs have turned for guidance, leadership and vision."

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The classified advertising rate is \$16.50 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 Public Affairs Office, 310 - 6251 Cecil Green Park Road, Vancouver B.C., V6T 1Z1, accompanied by payment in cash, cheque (made out to UBC Reports) or journal voucher. Advertising enquiries: UBC-INFO (822-4636).

The deadline for the Feb. 18 issue of UBC Reports is noon, Feb. 9.

Accommodation

POINT GREY GUEST HOUSE A perfect spot to reserve accommodation for guest lecturers or other university members who visit throughout the year. Close to UBC and other Vancouver attractions, a tasteful representation of our city and of UBC. 4103 W. 10th Ave., Vancouver, BC, V6R 2H2. Call or fax 222-4104.

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Lego helps researchers build innovative machine

UBC research engineers utilized everything from low-tech Lego™ to high tech blood measurement concepts to create a revolutionary new instrument for the \$800-million-a-year pulp and paper industry.

This instrument, the Fibre Quality Analyzer, recently earned a 1998 NSERC/Conference Board of Canada Synergy Award for university-industry R&D partnerships.

A decade ago Richard Kerekes, director of UBC's Pulp and Paper Centre, began to search for a method to improve paper quality by measuring wood pulp fibres on-line. Video imaging seemed the most promising approach.

A key requirement was a flow cell that would align and position fibres in a flowing stream so they could be imaged.

Research on this problem began at UBC with support from the Mechanical Wood-Pulps Network of Centres of Excellence.

The solution — found in collaboration with the Pulp and Paper Research Institute of

Canada (PAPRICAN) — adapts hydrodynamic focusing — used in medicine to measure blood cells — to pulp fibres.

The research was resourceful as well as innovative.

"We were looking for ways to test flow cells and optics configurations quickly and did this by building a test bed from Lego™," says James Olson, a co-inventor of the flow cell and now a research engineer at PAPRICAN which patented the flow cell with UBC.

Following further development at PAPRICAN, a prototype was built and licensed to Ontario-based OpTest Equipment Inc.

The original analyzers were floor-mounted, but the current model is a compact bench-top design, with image performance sped up from one to 100 fibres a second. These units have been sold around the world.

"It's gratifying to have seen the analyzer evolve into a commercial success," says Kerekes.

"It was particularly gratifying to receive the award on the 20th anniversary of the partnership



Kerekes

between UBC and PAPRICAN."

Last year, the Pulp and Paper Centre assumed a major role, with BCIT and PAPRICAN, in an \$8.5 million Forest Renewal B.C. research and teaching initiative.

"Over 40 per cent of B.C.'s timber harvest is manufactured into pulp and paper," says Kerekes. "Investments in the province's post-secondary programs in this sector will significantly strengthen B.C.'s ability to add value to its forest resource."

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THE UNIVERSITY OF BRITISH COLUMBIA

REVIEW OF UBC FUNDING FOR RESEARCH IN THE HUMANITIES AND SOCIAL SCIENCES

To: All Regular and Sessional Faculty in the Humanities and Social Sciences

From: Dr. Derek Gregory, Dept. of Geography
Chair, Hampton Fund Review Committee

1. Dr. Bernard Bressler, vice-president, Research, has commissioned a review of the ways in which research in the humanities and social sciences at UBC has been supported and facilitated by the HSS (Humanities and Social Sciences) and Hampton funds, and the purpose of this notice is to explain the review process and to invite all regular and sessional faculty in the humanities and social sciences at UBC to take part.

Focus of Review

2. The review committee will focus on the following activities where funding is provided through UBC:
 - (a) Grants to new faculty, by the deans; the maximum award is currently \$2,000;
 - (b) UBC-HSS Travel Grants (for the presentation of scholarly papers at meetings of international learned organizations held outside Canada and the USA); awards usually only cover cost of return air travel at lowest possible fare;
 - (c) UBC-HSS Small Grants (administered by deans); the maximum award is currently \$2,000;
 - (d) UBC-HSS Large Grants (applications through Research Services and administered by the HSS and Hampton Research Committee); for these grants, awards are between \$2,500 and \$5,000;
 - (e) Hampton Fund Research Grants (applications through Research Services and administered by the HSS and Hampton Research Committee); grants from this fund are designed to encourage 'interdisciplinarity, originality and risk-taking'; they are normally for one year; the minimum size of award is \$10,000; the maximum award for individuals is \$30,000 and for collaborative groups \$80,000;

Grants under (a) through (d) are made possible through funds provided by the SSHRC General Grant (currently c.\$320,000 available p.a.); grants under (e) are made possible by UBC's Hampton Fund (currently \$900,000 available p.a.)

3. While these activities will be the focus of the review, the committee will also need to consider the ways in which these various schemes relate to (for example) the development of (external) research funding through SSHRC and the development of other (internal) research funding initiatives through (for example) the Peter Wall Institute for Advanced Studies.
4. The objective of the review is both to evaluate previous and continuing practices and also, if appropriate, to make recommendations that will enhance the effectiveness of financial support for research in the humanities and social sciences at UBC in the future. This isn't simply a matter of asking for more money — however desirable that might seem to some! — but of finding ways to encourage applications to these funds and to facilitate (rather than to direct) faculty interests and initiatives. Our purpose is not, therefore, to draw up a list of centralized research priorities but to determine how we can best foster and underwrite high quality research.

Review Process

5. Following the practice of similar university reviews, the review committee will schedule formal meetings with the vice-president, Research, relevant deans and associate deans, Research, members of the HSS and Hampton Research Committee, and other individuals during the week of 22-26 February 1999.
 6. We also wish to encourage all regular and sessional faculty in the humanities and social sciences — whether or not they have had direct experience of any of the activities listed above — to make their views known to us. There are three ways in which to do so:
 - (a) if you simply wish to make a written submission, the easiest way to do so is via e-mail to lgorrie@interchange.ubc.ca; we should like to receive submissions as soon as possible — particularly if they raise questions or ideas that we ought to consider during our formal meetings during the week of 22-26 February — but in any event no later than 2 March 1999; we will acknowledge all such submissions, and give them full consideration in our discussions;
 - (b) if you wish to meet formally with the review committee during the week of **22-26 February 1999**, please contact our secretary, Lillian Gorrie [lgorrie@interchange.ubc.ca] to arrange an appointment; alternatively, you may approach any members of the committee (listed below);
 - (c) we will also hold a faculty forum on **2 March 1999**, where we encourage interested colleagues to drop in between 3.00 p.m. and 5.00 p.m. to make their views known and to take part in discussion; the forum will be held in the Board and Senate Room in the Old Administration Building.
- We realize that every term brings a deluge of requests like this one, but we very much hope that you will be able to help us in our deliberations: it is a vitally important task, and we want to learn from the experiences and suggestions of as many people as possible.
7. The report and recommendations of the review committee will be made available to all regular and sessional faculty in the humanities and social sciences, and we intend to complete the process by the end of this term.

Review Committee

8. The members of the review committee are :

Brian Elliott (Anthropology and Sociology);	
e-mail: belliott@anso.ubc.ca	tel: 2-3160
Lawrence Green (Institute of Health Promotion Research);	
e-mail: lgreen@unixg.ubc.ca	tel: 2-5776
Derek Gregory (Geography; chair of the review committee);	
e-mail: gregory@geog.ubc.ca	tel: 2-4719
Eva-Marie Kröller (English);	
e-mail: eva-marie.kroller@ubc.ca	tel: 2-4093
John Willinsky (Language Education);	
e-mail: john.willinsky@ubc.ca	tel: 2-3950
Charles Weinberg (Commerce and Business Administration);	
e-mail: chuck.weinberg@commerce.ubc.ca	tel: 2-8327



Bruce Mason photo

Blooming In The Rain

"Hellebores are just one of the highlights of the Botanical Garden in winter," says Josee Henry, a volunteer in the UBC Botanical Garden's Shop in the Garden, shown here with a variety of these plants being sold in the popular shop. Also on hand are snowdrops and cyclamens. Gardeners who want to get an early start — and people who want to take a break from their daily routine — are also advised to take advantage of the Tuesday Lecture Series, from noon to 1 p.m. in the garden's Reception Centre at 6804 Southwest Marine Dr. The fee is five dollars and parking is available. Coming up this month: Shade Gardening (Feb. 9), Vegetables for Home Gardens and Patios (Feb. 16) and Summer Bulbs for the Garden (Feb. 23). To register or for information on hands-on workshops or the series, City Garden Lectures, which takes place noon Thursdays downtown at the Vancouver Public Library, call (604) 822-3928.

Gallery takes Shadbolt, Carr to Downtown Eastside

The first exhibition of B.C.'s two most important artists, Emily Carr and Jack Shadbolt is taking place at the Or Gallery in Vancouver's Downtown Eastside until Feb. 27.

The exhibition is a collaboration between Scott Watson, curator of UBC's Morris and Helen Belkin Art Gallery and Reid Shier, curator of the Or Gallery. They have chosen 18 masterworks for the exhibition, including six of the 10 Carr paintings and 12 of the 200

Shadbolt works from the Belkin Gallery collection.

The exhibition is part of the Belkin Gallery's outreach initiative.

The idea for the show came to Watson following Shadbolt's death last year.

"I thought it might be nice to have Jack and Emily on display together for the first time," says Watson. "Emily was important to Jack. She was the first artist to create the B.C. landscape in a modern idiom."

The exhibition's theme, "Heart of Darkness," borrowed from writer Joseph Conrad's novel about African colonialism, is intended to suggest that the works of Carr and Shadbolt confront colonial anxiety.

Watson says the paintings, such as Carr's 'Wasteland' and Shadbolt's 'Figure in a Cedar Slash', reflect colonial issues, including the state and status of First Nations issues including land claims and native art as well as the forest industry.

"We are hoping a show like this will disturb or challenge the idea that these artists are a comfortable part of our heritage and suggest that they are asking difficult and uncomfortable questions about that heritage," says Watson.

The other important aspect of the exhibition, says Watson, is to spotlight the heart of West Hastings.

"I hope the public will come to the Or Gallery in the Downtown Eastside and also observe the dark part of the city instead of turning a blind eye," Watson says.

This will be the last exhibition at the Or Gallery's present location before it moves from the troubled neighbourhood to its new venue on Richards Street. But Watson is committed to expanding the Belkin Gallery's reach into the downtown community.

"The Belkin Art Gallery acquisitions are growing and we want to do more with them," says Watson. "We are isolated here at UBC and we believe a downtown presence would be a good thing."

People

by staff writers

Zoology Prof. **Robert Blake** is the new associate dean of Faculty Development and Research in the Faculty of Graduate Studies.

Since coming to UBC from Cambridge University in 1979, Blake has been active in university affairs.

He served a two-year term as president of the UBC Faculty Association from 1996 until last April.

Blake has been a professor of Zoology since 1991.

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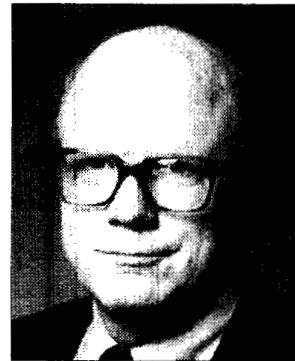
Roberta Hewat, assistant professor of Nursing, has received a grant of more than \$250,000 from the Population Health Fund of Health Canada to implement and evaluate the World Health Organization/UNICEF Baby-friendly Hospital Initiative in Canada. The project aims to successfully implement breastfeeding as the cultural norm in Canada.

Hewat joined UBC's School of Nursing in 1980.

•••••

Law Prof. **Pitman Potter** has been appointed director of the Institute for Asian Research. Potter, who speaks Mandarin and is an expert on the Chinese legal system, is currently the director of Chinese Legal Studies. He will continue teaching law.

The outgoing director, Geography Prof. **Terry McGee** is taking a year's leave next July to devote to research.



Potter

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Prof. **David Robitaille** of the Faculty of Education has been honoured by the International Association for the Evaluation of Educational Achievement (IEA) for his contributions to the field of international comparisons in education.

Robitaille, who heads the faculty's Dept. of Curriculum Studies, was made an honorary member of IEA in recognition of his leadership role in the Second International Math Study and for serving as the international co-ordinator for the Third International Mathematics and Science Study (TIMSS).

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