

UBC REPORTS

Volume 40, Number 6

March 24, 1994

New TRIUMF director brings international experience to job

by Gavin Wilson

Staff writer

University of Victoria physicist Alan Astbury will be the next director of TRIUMF, effective April 1, the TRIUMF Board of Management announced recently.

He replaces Erich Vogt, who is stepping down after 13 years as director of the Tri-University Meson Facility, a particle accelerator located on south campus.

"As chair of the Board of Management, I am pleased that Dr. Astbury has agreed to serve as the next director of TRIUMF. I think he will make an outstanding director," said Robert Miller, who also serves as UBC's vice-president, Research.

"Erich Vogt will be missed. He's done a terrific job and we wish him well in the next phase of his scientific career," Miller added.

The British-born Astbury is an experimental particle physicist who has held the R.M. Pearce Professorship in UVic's Dept. of Physics, jointly funded by TRIUMF and UVic, since 1982. He is a fellow of both the Royal Society of London and the Royal Society of Canada and is a past winner of the Rutherford Medal, awarded by the British Institute of Physics.

At the European Commission for Nuclear Research (CERN) in Geneva, Switzerland, Astbury was a co-leader of the research team whose discovery of W and Z bosons, types of subatomic particles, led to Carlo Rubbia and Simon Van der Meer's 1984 Nobel Prize for Physics. Astbury continues to conduct research at CERN, which has the world's largest particle accelerator.

Astbury said that although the federal government recently announced it would

not fund the proposed KAON factory at TRIUMF, there is every indication that Ottawa will continue to support TRIUMF as it moves into a new phase.

"I am confident that TRIUMF has a bright future. The federal government has said that TRIUMF is Canada's premier laboratory in particle physics and that, in fact, it will be Canada's gateway to international collaboration in particle physics.

"I look forward to renewed programs at TRIUMF. The idea of international involvement also intrigues me, especially as it relates to CERN," he said.

Vogt said he was pleased with the selection of Astbury as new director, whom he praised as "a wonderful scientist with an enormous international reputation."

"It's a wonderful opportunity for both TRIUMF and Dr. Astbury. He is remarkably well-equipped to take this position," he said.

Vogt said he is leaving the directorship of TRIUMF without regrets.

"We've gone through a major dream with KAON and it didn't succeed, but I've been extremely fortunate to be involved in TRIUMF at a time when its science and its scientists have emerged into world prominence," he said.

Vogt, 64, will also soon retire from UBC, where he is a professor in the Dept. of Physics, but he said he will continue to pursue his research and teaching interests.

TRIUMF is managed as a joint venture by four universities — UBC, Simon Fraser University, UVic and the University of Alberta — and is operated with funding from the National Research Council of Canada.

"I am confident that TRIUMF has a bright future."

- Alan Astbury



Stephen Forgacs photo

A Growing Gift

Bruce Macdonald (right), director of UBC's Botanical Garden, presented Agriculture, Fisheries and Food Minister David Zirnelt with the Clematis plant 'Blue Ravine,' to mark the ministry's centennial year. Zirnelt met with Agricultural Sciences Dean Jim Richards and other faculty members, March 10, before presenting the dean with a \$50,000 cheque, the final instalment of a \$150,000 grant for the B.C. Agriculture research partnerships.

Authors record history of nursing program at UBC

by Connie Filletti

Staff writer

When UBC's Department of Nursing and Health opened its doors in 1919 it offered a five-year degree program, had four students and an annual budget of \$800.

All applicants had to be female, single, 20 years of age, high school graduates, physically fit and immunized against diseases such as smallpox.

When the diploma program in public health nursing began a year later, students took courses in nutrition, sanitation and motor mechanics, an essential course for many of those whose careers would be spent travelling throughout remote regions of the province. Although the horse and buggy was still a common sight on B.C. roads, the Model-T Ford was rapidly gaining popularity.

So began the first degree-granting nursing program in the British Commonwealth, the subject of a new book entitled *Legacy: The History of Nursing Education at the University of British Columbia 1919-1994*.

UBC's School of Nursing celebrates 75 years of caring. See Page 8

Commissioned by the School of Nursing and the nursing division of UBC's Alumni Association to commemorate the school's 75th anniversary, the book was written by Ethel Warbinek, an assistant professor of nursing, and Glennis Zilm, graduates of UBC's nursing program.

"The founders of UBC's nursing program believed that a university education for nurses was the best way to provide a high level of health promotion and disease prevention in the community," Warbinek said.

"We felt that the rich heritage of the school and its contributions to prominent nursing leadership, particularly in the field of public and community health should be recorded."

Some of the major influences that shaped the growth and development of

See *NURSING* Page 2

UBC child care rates remain stable for '94-'95

by Connie Filletti

Staff writer

There will be no increase in fees at UBC's 12 child care centres for 1994-95.

The child care services budget was approved at the March 17 meeting of UBC's Board of Governors without a proposed rate increase. The increase would have seen parent fees rise anywhere from 4.65 to 13.3 per cent, depending on the child's age and parents' eligibility for discounts.

UBC will continue to subsidize the housekeeping and maintenance portion of the child care services budget at an estimated

cost of \$115,000 for the year.

The existing monthly fee for UBC students with an infant aged four to 18 months in one of UBC's child care facilities is \$860. Non-students pay \$900 per month.

The parent fee increase was sought to cover inflationary rises in expenses such as utilities, salaries, housekeeping and maintenance.

In addition to parent fees, operating costs of the centres are financed by provincial grants and a subsidy from UBC's Department of Housing and Conferences.

Total expenses last year stood at \$1.67 million. This year's total operating expenses are expected to reach more than \$1.8 million.

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UBC Engineers build 21-metre-long replica of the Lions Gate Bridge

Letters

It's time to stop speaking past each other

Editor:

Recent letters in UBC Reports reinforce, rather dramatically, some assertions in my previous letters. "Chilly climate" is, as defined, a sexist, racist, anti-male concept. "Chilly Climatology" is motivated by a simple ideological agenda -- to have in place a quasi-legal apparatus to stifle critical discussion of radical feminism and reverse discrimination. Just as chilly climatology dispenses with academic freedom, its researchers glibly dismiss the need for a logical connection between data and theory.

The letters of Janice Fiamengo and Kelly Haydon, voicing the standard hyperbole about victimization, have much in common. Fiamengo fantasizes that women on campus "are often subject to threats or acts of violence for expressing feminist views," while Haydon equates my criticism of Florence Ledwitz-Rigby with "denying women their voice," and the presentation of male and female views side by side with "drowning out any concerns of female faculty."

Despite their rhetorical communality, these letters also show an interesting inconsistency. Haydon questions whether I should be allowed to teach because she feels I introduced ideological bias into my teaching. On the other hand, Fiamengo praises Ledwitz-Rigby for injecting ideology into her role as a university administrator. Is there perhaps a double standard here?

Lest Haydon remain abjectly fearful for my oppressed students, I mention that Psychology conducts anonymous student evaluations in all its courses. My instructor rating in Psychology 317 was 4.63 (5 is perfect). The average rating in the course, over its entire history, is 3.84. The previous high rating in the course was 4.40. Roughly 70 per cent of my 94 students were women. As a psychologist, I anticipate, with interest, Ms. Haydon's attempts to incorporate these results into her belief system.

Veronica Strong-Boag is uncomfortable with Peter Suedfeld's admonition that rent-seekers in glass houses shouldn't throw stones, and understandably ruffled by Greg Lanning's incisive comments. Calling Suedfeld "astoundingly naive," she dismisses the achievements of white male academicians, labeling them "patriarchy's most pampered sons." Having bypassed a rigorous evaluation process, she apparently has little appreciation for it.

The chilly climate dialogue has narrowed, and reached a point of diminishing returns.

But important issues have been raised. I believe Florence Ledwitz-Rigby is certainly right in her assertion that we can, and must, improve warmth and a sense of participation in our classrooms. Men's rights activists are certainly correct in saying men are often invisible victims of violence. (Has anyone, before this moment, seen a discussion of the Hebron Massacre that explicitly pointed out that all victims were male?) Feminists are certainly right that women have been stifled, denied a voice, and all too frequently left unprotected. There is much injustice in the world. Society is looking to us for answers to these problems. I believe that by speaking to each other, rather than past each other, we can solve them. And I don't believe we have to sacrifice a single one of the best principles of academic discourse while doing so. I urge my colleagues to take a firm stand against any attacks on these principles, especially by administrators claiming ideological immunity, bearing gifts, or seeking to fill quotas.

James H. Steiger
Professor
Psychology Dept.

Violent attacks on professor appalling

Editor:

I read with interest the article by Prof. Jonathan Kesselman on the crisis in university education (UBC Reports, Feb. 24). This however dealt only with the financial crisis, while other pages of the same issue suggested that there is an even graver moral and intellectual crisis in the university.

The vituperative and violent personal attacks on Prof. Steiger made in reply to a moderately worded and rational criticism of a research project (UBC Reports, Jan. 13) have appalled me. (One letter even suggested that he should be deprived of his right to teach!).

If this is the new standard of intellectual discourse in the university it would be wiser not to conduct it in full view of the public.

Geoffrey Durrant
Professor Emeritus
Dept. of English

Study looks at AIDS in cultural context

by Abe Heffer

Staff writer

The release of a national study on ethnocultural communities facing AIDS will provide invaluable information for AIDS inter-

Nursing

Continued from Page 1

nursing in general, and UBC's nursing program in particular, such as the women's movement, Asian immigration and Canada's entry into the First World War and Second World War are highlighted in the book.

"These and other 19th century events forced nursing out of the realm of bedside care in the patient's home and into the public domain," Zilm said. "They profoundly changed the way education and health care were offered."

Scheduled for publication by UBC Press this spring, the book also explores the events that occurred during the tenure of the school's six directors.

Warbinek and Zilm also feature the contributions of faculty and students to the improvement of health care in B.C., across Canada and around the world.

vention programs, says one of the study's researchers.

"Many ethnocultural organizations have long been frustrated by the lack of research that could provide background information for culturally specific AIDS intervention programs," said Asst. Prof. Sharon Manson Singer, a faculty associate at the Centre for Human Settlements.

"You can't look at the problem of HIV transmission without looking at the broader social and cultural context," she added.

Many Voices: HIV/AIDS in the Context of Culture, includes the experiences of a cross-section of people from Vancouver's Chinese and South Asian communities. In addition, four other ethnocultural communities are highlighted: from the Horn of Africa and English-speaking Caribbean communities in Toronto, and Latin American and Arabic-speaking communities in Montreal.

"Many of the people we spoke to talked about issues such as racism, violence, housing and employment. These concerns affect the whole notion of risk for HIV," said Manson Singer.

The study suggests that there are virtually no ethno-specific

statistics, literature or media reports about HIV/AIDS in the Chinese community from the Lower Mainland. More education, information and support services are among its recommendations.

With the exception of some recent exposure to issues surrounding HIV/AIDS in the South Asian community, there are no programs that specifically target this community in Vancouver, according to the report. It recommends providing the community with straightforward AIDS-related information and statistics on the relevance of AIDS in the South Asian community.

The report highlights the second phase of the Ethnocultural Communities Facing AIDS study. In the initial phase, demographic and epidemiological information was used to identify which communities would be invited to participate in the project.

Three of the original six communities will be invited to participate in the study's third and final stage, which will consist of a survey, focusing on safe sex practices and the personal aspects of risk, rather than the broader social context. The survey will be conducted this spring.



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The Cecil H. and Ida Green
Visiting Professorships of Green College

ALISON JAGGAR

Professor of Philosophy and Women's Studies
UNIVERSITY OF COLORADO AT BOULDER

Moral Epistemology:

Contractualism and Discourse Ethics

Monday, March 28 at 3:30-5:30 PM
Buchanan Building, Room A-104

Feminist Practical Dialogue:

Towards a Feminist Theory of Moral Rationality

Tuesday, March 29 at 12:30 PM
Cecil and Ida Green Lecture
Angus Building, Room 104

Living with Contradictions:

Controversies in Feminist Ethics

Wednesday, March 30 at 7:30-9:30 PM
York Room in Hotel Georgia, 801 West Georgia
Co-sponsored by UBC Continuing Studies \$10

Moral Objectivity and Global Feminism

Thursday, March 31 at 1:00-2:30 PM
Buchanan Building, Room A-102



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.

Managing Editor: Steve Crombie
Editor: Paula Martin
Production: Stephen Forgacs
Contributors: Connie Filletti, Abe Heffer, Charles Ker, Gavin Wilson

Editorial and advertising enquiries: 822-3131 (phone)
822-2684 (fax).

UBC Reports welcomes the submission of letters and opinion pieces. Opinions and advertising published in UBC Reports do not necessarily reflect official university policy.

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SafeWalkers

Stephen Forgacs photo

Second-year Marine Biology student Kat Hannah (left) and George Gomes, a fourth-year Commerce student, are two of the 150 volunteers who operate the Alma Mater Society's SafeWalk program. Introduced three years ago in response to concerns about campus safety, SafeWalk provides students, staff and faculty with escorts to any location on campus. The program, which runs from September to April, has recorded more than 1,000 requests for escorts by SafeWalk volunteers since the beginning of the current school year. To become a volunteer, or to find out more about SafeWalk, call 822-5355 after 5 p.m.

Teacher and developer appointed to UBC board

by Connie Filletti

Staff writer

Vancouver real estate developer Harold Kalke and Marion York, a learning assistance teacher from Kamloops, have been appointed to UBC's Board of Governors by provincial order-in-council.

The three-year appointments were announced by Dan Miller, minister of Skills, Training and Labour.

Kalke, president and owner of Kalico Developments Ltd., a real estate investment company, received a BSc in Civil Engineering from the University of Alberta and an MBA from the University of Western Ontario.

He is a founding member and director of the Urbanarium Development Society, a non-profit organization devoted to increasing understanding of urban planning and development issues.

"UBC welcomes the participation of two highly respected individuals on the

board, whose outstanding record of community service is widely recognized and applauded," said UBC President David Strangway.

Kalke is a member of the Professional Engineers, Geophysicists and Geologists of Alberta and of the Advisory Planning Commission for the District of West Vancouver.

York received a BEd, MEd and a diploma in Special Education from UBC. She currently supervises the integration of children with special needs at David Thompson Elementary School in Kamloops.

She also works with community resource personnel to provide information and workshops concerning special needs children, and provides assistance to children with learning difficulties in English and French.

York currently sits on the advisory council to School District 24 regarding the role of learning assistance teachers.

Grad student fee proposal to receive further consideration

by Connie Filletti

Staff writer

A proposal to establish an annual graduate student tuition fee at UBC will receive further consideration from the university administration.

A motion to refer the matter back to the administration was made by UBC President David Strangway at the March 17 meeting of the Board of Governors.

"This will permit consideration of a number of suggestions made such as to exempt all current students on a grandfathered basis and to spread the implementation over a longer period," Strangway said.

He added that several board members expressed concern about the proposal and about individual faculty or department expectations.

"A number of departments, for example, expect a master's program to require three years in clear violation of general university guidelines," Strangway said.

The proposed new fee schedule would require graduate students to pay a full annual tuition for each year in which they are registered.

Students working at slower rates on graduate degrees would be expected to register as part-time students or on a leave basis to avoid penalty.

Under UBC's current system, graduate students pay full tuition fees during the first two years of a master's program or the first three years of a doctoral program.

Students who take longer to complete their programs are charged a reduced annual re-registration fee — about half of the regular rate of approximately \$2,000 per year.

The proposal states that any additional revenue earned through the elimi-

nation of the reduced post-program fee would be added to the University Graduate Fellowship Fund, generating up to \$1.8 million per year.

"This money would then be used for fellowships to attract and retain the very best students in every discipline," the proposal says.

Information provided to the board indicated that this approach to annual fees has been adopted by several Canadian jurisdictions, such as Ontario, and that many others are moving rapidly to close the gap, Strangway said.

Approximately 40 students rallied at the board meeting to express their concerns with these and other aspects of the proposal.

Vighen Pacradouni, president of the Graduate Student Society (GSS) and a PhD student in Physics, made a presentation to the board in which he questioned the concept of increasing the amount of money available to them, he said. "In effect, today's students are partially underwriting UBC's recruitment of future students."

Pacradouni added that only about four per cent of the graduate student population would benefit from the new fellowships, based on his calculations using the figures quoted by the administration in the proposal.

He also cited unrealistic degree completion expectations and faults in defining part-time students among the GSS's main criticisms of the proposal.

The administration will review the comments and suggestions made on the proposal and report back to the Board of Governors in the next few months.

School of Music members share Juno Award spotlight

by Abe Heffer

Staff writer

Three members of UBC's School of Music enjoyed a moment in the spotlight during the Juno Award ceremony March 20 in Toronto.



Edmundson

Prof. James Fankhauser and sessional instructors Diane Loomer and Morna Edmundson were nominated for Juno awards in the category of best classical album, vocal or choral performance. Although the award went to Quebec soprano Claudette Leblanc for the album Debussy Songs, it marked the first time that a Western Canadian choir had been nominated for a Juno.

"This is a new Juno category," said Loomer. "In the past, choirs were grouped in with those artists working for best classical recording."

"I only discovered this new category when the nominations were announced last month. I was stunned to see my name there, but delighted, nonetheless."

Loomer and Edmundson co-conduct the Elektra Women's Choir, which received a nomination for the album of the

same name. As director of the Vancouver Cantata Singers, Fankhauser received a nomination for the album Venetian Vespers of 1640.

Ninety per cent of the singers with the 35-member Elektra Women's Choir are graduates of UBC's music school. "That speaks volumes for the strength of the music program both at the university and in British Columbia in general," said Loomer.

In addition, many of the performers with the Vancouver Cantata Singers are UBC graduates.

"It's very gratifying to see the Cantata Singers receive accolades for their incredibly vivacious and exciting album," said Fankhauser.

Loomer conducts the UBC Choral Union, while Edmundson conducts the Collegium Musicum Choir. Fankhauser directs the University Singers.

The UBC Choral Union and the University Singers will join with the UBC Symphony Orchestra March 27, 7:30 p.m., at the Orpheum to perform Brahms German Requiem, under Fankhauser's direction.



Loomer

Offbeat

by staff writers

The summer 1994 Continuing Studies calendar is a yummy read, for more than one reason.

Not only is it jam-packed with enough information on extra-session studies credit courses for any appetite, but it also focuses on the food "which serves to energize the students and staff at UBC on a daily basis," with a startling array of statistics on UBC food-related subjects.

Food Fact. Number of catering events held on campus in 1993: approximately 1,100. Number of weddings: 147.

Food Fact. Number of cinnamon buns produced daily by UBC Food Services: 1,440. Muffins: 1,200.

Food Fact. Number of UBC Food Services employees: 300. Number of students employed in catering year round: 35-40.

Food Fact. Number of salmon barbecues held at the Museum of Anthropology in 1993: 16. Guests at each barbecue: 200-1,000.

Food Fact. Number one item by volume in annual commissary production: Muffins. Number: 363,664. Number two on the list is cinnamon buns at 262,080. Number three: tuna salad sandwiches at 77,321.

Pass the mayo.

Calendar

March 27 through April 9

Sunday, Mar. 27

UBC at the Orpheum

Brahms German Requiem With University Singers, UBC Choral Union, UBC Symphony Orchestra. The Orpheum Recital Hall at 7:30pm. \$10 adults; \$4 students/seniors. Call Ticketmaster at 280-3311.

Monday, Mar. 28

Plant Science Seminar

Isolation Of The Tomato DUTPase Gene And Analysis Of Its Expression In Plant Meristems. Aviva Pri-Hadash, Plant Science, MacMillan 318D at 12:30pm. Refreshments. Call 822-9646.

Music Concert

UBC Percussion Ensemble. John Rudolph, director. Music recital hall at 12:30pm. Call 822-3113.

Faculty Development Seminar

Talking About Teaching: Problem-Based Learning. Is It For You? Lynda Eccott, Pharmaceutical Sciences. Angus 109 from 12:30-1:20pm. Call 822-9149.

Mechanical Engineering Seminar

Effect Of Buoyancy On Jet Cross-Flow-Application To The Kraft Recovery Boilers. Fariba Aghdasi, PhD student. Civil/Mechanical Engineering 1202 from 3:30-4:30pm. Refreshments. Call 822-6671.

Cecil and Ida Green Visiting Professor Seminar

Moral Epistemology: Contractualism And Discourse Ethics. Prof. Alison Jaggar, Philosophy/Women's Studies, U. Colorado, Boulder. Buchanan A-104, 3:30-5:30pm. Call 822-5675.

Tuesday, Mar. 29

MOST Workshop for UBC Staff

Offering Distinctive Customer Service. Danielle Kershaw. Brock Hall seminar room 0017 from 9am-4pm. \$60. Call 822-9644 to register.

Cecil and Ida Green Visiting Professor Seminar

Feminist Practical Dialogue: Towards A Feminist Theory Of Moral Rationality. Prof. Alison Jaggar, Philosophy/Women's Studies, U. Colorado, Boulder. Angus 104 at 12:30pm. Call 822-5675.

Botany Seminar

The Relationship Between Irradiance, Carbohydrate Content And Sinking Rate In Two Marine Diatoms. Anne Fisher, MSc candidate. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

Oceanography Seminar

Talk To Address Hydrothermal Vent Activity On Juan De Fuca Ridge. Rick Thomson, Institute of Ocean Sciences, Sidney, BC. BioSciences 1465 at 3:30pm. Call 822-3626.

Statistics Seminar

Climate Modelling And Some Associated Statistical Problems. Francis Zwiers, Atmospheric Environment Service, Victoria. Angus 413 from 4-5:30pm. Refreshments. Call 822-2234.

Wednesday, Mar. 30

Orthopaedics Grand Rounds

The Cost And Management Of The Dislocated Thoracic Lumbar And Lumbar Spine. Dr. R.W. McGraw, chair; Dr. J.F. Schweigel, speaker. VGH Eye Care Centre auditorium at 7am. Call 875-4272.

MOST Workshop for UBC Staff

Stress Management. Nancy Nowlan. Brock Hall seminar room 0017 from 9am-12pm. \$35. To register call 822-9644.

Microbiology Seminar

The Role Of Proteoglycans In Herpes Simplex Virus Infection. Dr. Frank Tufaro, Microbiology/Immunology. Wesbrook 201 from 12-1pm. Call 822-3308.

Political Science Lecture

Boris Yeltsin And The Future Of Russian Democracy. Dr. Alexei Autonomov, Moscow Institute For International Relations. Buchanan B316 from 12:30-1:30pm. Call 822-4559.

Applied Mathematics Colloquium

Strange Computations. Dr. Uri Ascher, dir., Institute of Applied Mathematics. Mathematics 203 at 3:30pm. Call 822-4584.

Pharmaceutical Sciences Seminar

Yet Another Advantage To Being Female? Estrogen And Coronary Artery Disease. Margaret Ackman, PhD student. Clinical Pharmacy. IRC #5 from 4:30-5:30pm. Call 822-4645.

Continuing Studies Lecture Series

Living With Contradictions: Feminist Ethics. Alison Jaggar, Visiting Cecil/Ida Green Scholar; professor of Philosophy/Women's studies, U. Colorado, Boulder. Hotel Georgia York room from 7:30-9:30pm. \$10. Call 222-5203.

Continuing Studies Lecture/ Panel Discussion

Director's Choice. Errol Durbach, UBC Theatre, moderator; Susan Cox, Vancouver Playhouse; Bill Miller, Arts Club Theatre; Ken Neufeld, Gateway Theatre; Roy Surette, Touchstone Theatre; all artistic directors. Family/Nutritional Sciences 60 from 7:30-9:30pm. \$15 non-refundable. Call 222-5203.

Nineteenth Century Interdisciplinary Studies Colloquium

Nineteenth Century Life Sciences In Their Cultural Context. Julian Davies, Microbiology; C. V. Finnegan, Zoology; Jack R. Maze, Botany. Moderator: Jim Winter, History. Green College at 8pm. Call 822-4225.

Thursday, Mar. 31

Pharmaceutical Sciences Seminar

Bioactivation Of Alkylating Anti-Cancer Drugs. Dr. Thomas Chang, Pharmacology/Toxicology. IRC #4 from 11:30am-12:30pm. Call 822-4645.

Music Concert

UBC Contemporary Players. Stephen Chatman; Andrew Dawes, director. Music recital hall at 12:30pm. Call 822-3113.

Community/Regional Planning Lecture Series

Working From The Heart In Community Participation In Planning/Design. Wendy Sarkissian, Institute for Science and Technology Policy, Murdoch U., Australia. Lasserre 205 from 12:30-1:30pm. Call 822-3276.

Panel Discussion

A graduate and faculty Christian forum. Why Be Good? Sources Of Ethics In A Plural Society. Terry Anderson, VST; Stanley Grenz, Carey Hall; Michael McDonald, Applied Ethics. Woodward IRC #2 at 12:30pm. Call at 822-3268.

Cecil and Ida Green Visiting Professor Seminar

Moral Objectivity And Global Feminism. Prof. Alison Jaggar, Philosophy/Women's Studies, U. Colorado, Boulder. Buchanan A-102 from 1-2:30pm. Call 822-5675.

Faculty Forum

Issues In Mobile Digital Communications. Dr. Cyril Leung, Electrical Engineering. CICS/CS 208 from 4-5:30pm. Call 822-6894.

Tuesday, Apr. 5

Botany Seminar

Xanthophyll Cycle In White Spruce. Darren Goetze, PhD candidate, Botany. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

Notices

Student Housing

The off-campus housing listing service offered by the UBC Housing Office has been discontinued. A new service offered by the AMS has been established to provide a housing listing service for both students and landlords. This new service utilizes a computer voice messaging system. Students call 822-9844, landlords call 822-9847.

Campus Tours

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

University Bookstores Closure

Annual Inventory Count. Campus store closure in effect Wed/Thur. Mar. 30/31. Health Sciences Bookshop at VGH closed Mar. 31. Last day for department requisitions for fiscal year 93/94 is Mar. 26 at 5pm. Call 822-2665.

Disability Resource Centre

The centre provides consultation and information for faculty members with students with disabilities. Guidebooks/services for students and faculty available. Call 822-5844.

Women Students' Office

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

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 822-6353.

Clinical Research Support Group

Faculty of Medicine data analysts

Faculty Women's Club Annual General Meeting

What's New In Ethics? Contemporary Issues In Bio-Medical/Business/Environmental Ethics. Terry Anderson, prof. of Social Ethics, VST; Michael McDonald, dir., Centre for Applied Ethics. Cecil Green Park main flr, 1pm. Call 535-7995.

Wednesday, Apr. 6 Forest Sciences Lecture

The Leslie L. Schaffer Lectureship. World Forestry: Professional Forestry's Success Or Failure? Jeff Burley, CBE, dir., Oxford Forestry Institute, Plant Sciences, Oxford U. MacMillan 166 at 5:30pm. Call 822-2507.

MOST Workshop/UBC Staff

Two days. Day One: Professional Ethics Designed For Secretarial/Clerical Staff; Day Two: Professional Ethics Designed For Management. Dr. Michael McDonald, Maurice Young Chair in Applied Ethics. Brock Hall seminar rm 0017, 1-4pm. \$25. Call 822-9644.

Pharmaceutical Sciences Seminar

Diuretic Resistance: Management Strategies. Brenda Johannessen, PhD student, Clinical Pharmacy. IRC #5 from 4:30-5:30pm. Call 822-4645.

Orthopaedics Grand Rounds

Evaluating Tumours. Eyecare Centre Auditorium, Vancouver Hospital. Call 875-4272.

Thursday, Apr. 7

Sustainable Development Seminar

Sustainable Forestry In The Tropics. Dr. Jeffery Burley, dir. of Oxford Forestry Institute, Oxford U. MacMillan 158 at 12:30pm. Call 822-8198.

Faculty Development Seminar

Motivating Students To Learn. Duncan Etches, Family Practice and others. Angus 109 from 3:30-5pm. Call 822-9149.

1994 Schaffer Lecture

Forests, Environment/Human Welfare/The Oxford Green College. Jeff Burley, Green College; Graduate Studies. Green College at 5:30pm. Call 822-9102/8660.

Friday, Apr. 8

Paediatrics Grand Rounds

Advances In Therapy Of Metabolic Disease. Dr. L. C. Clarke, Dr. A. G. F. Davidson, Dr. L. T. K. Wong, Biochemical Diseases Clinical Service. GF Strong Auditorium at 9am. Call 875-2307.

Health Care/Epidemiology Rounds

Chernobyl: Eight Years Later. Dr. Terry Anderson, prof. emeritus. Mather 253 from 9-10am. Call 822-2772.

supporting clinical research. To arrange a consultation, call Laurel at 822-4530.

Human Sexual Response

The departments of Psychology and Pharmacology are conducting a study directed toward physiological arousal in women. Volunteers must be between 18-45 and heterosexual. \$40 honorarium. Call 822-2998.

Dermatology Clinical Trials Athlete's Foot Study

Volunteers between the ages of 18-65. Lab tests required. Reimbursement for qualified volunteers upon completion of study. Call 875-5296.

Acne Study

Must be 25 yrs. or younger. 5 visits over 12-week period. No placebo involved. Honorarium. Call 875-5296.

Basal Cell Carcinoma Study

Superficial Tumours. 18 yrs./older. 6 visits over 16 weeks. Honorarium upon completion. Call 875-5296.

Psoriasis Study

18yrs./older. 5 visits over 8-week period. Working with a new topical medication (Dovonex). Above

studies take place at VH, 855 West 10th Ave. Call 875-5296.

Statistical Consulting/Research Laboratory

SCARL is operated by the Dept. 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.

Duplicate Bridge

Informal game open to the public. \$2 fee includes refreshments. Wednesdays at the Faculty Club. Play begins at 7:30pm. Singles welcome but should arrive early to arrange partnerships. Call Steve Rettig at 822-4865.

Nitobe Garden

Open weekdays only from 10am-3pm. Call 822-6038.

Botanical Garden

Open daily from 10am-6pm. Shop In The Garden, call 822-4529; 822-9666, the gardens.

UBC REPORTS

CALENDAR DEADLINES

Calendar items 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. Please limit to 35 words. Submissions for the Calendar's Notices section may be limited due to space. Deadline for the April 7 issue of UBC Reports — which covers the period April 10 to April 23 — is noon, March 29.



Kendo Warriors

Members of the Ritsumeikan University Athletic Association Kendo Division demonstrated Kendo techniques on the SUB plaza while visiting UBC March 4.

Abe Heffer photo

Unique schools' art at UBC

by Gavin Wilson

Staff writer

Children's art rarely gets beyond the refrigerator doors of proud parents, but beginning next week, UBC's Child Study Centre will host an exhibition of children's art that's travelled from Italy.

The Hundred Languages of Children is an exhibition of children's artworks and photographs of children taken from schools in the northern Italian city of Reggio Emilia.

The schools, which use the arts as a foundation for learning, are world-renowned centres of quality education for young children, said Glen Dixon, director of the Child Study Centre.

The educational philosophy of Reggio Emilia schools is based on the ideals of their founders and the pedagogical ideas of progressive American educator John Dewey, among others.

Foremost among these beliefs is that the key ingredient for learning and growth is the idea of the child in relationship to others. This philosophy is evident in the schools' non-hierarchical systems and close working relations among community, school, parents, teachers and children, Dixon said.

Reggio Emilia schools have been called the best early childhood education centres in the world. They were founded in 1945 by a group of parents, mostly moth-

ers, whose response to the devastation of the Second World War was that their children had a right to excellent education.

Now, there are 13 infant and toddler centres and 20 day-care centres serving three- to six-year-olds in the city of 130,000.

Dixon said that Reggio Emilia teachers believe that art (educators call it symbolic representations rather than art) is central to the educational process and inseparable from the rest of the curriculum.

They believe children should have access to many ways to discover and express their experiences — the "hundred languages" of the exhibition's title.

The exhibit documents the processes and results of work with and by children in a variety of media: video, drawing, painting, sculpture, photography and writing.

Students in Reggio Emilia schools produce artistic representations that are far beyond expectations for children their age, Dixon said.

The Hundred Languages of Children will be on display at the Child Study Centre, 2881 Acadia Road, from March 28 to May 15. The centre is closed weekends.

The centre is one of four Lower Mainland locations for the exhibition, which is being seen for the first time in Canada. The others are the Vancouver Art Gallery, the Surrey Art Gallery and Douglas College.



STUDENT DISCIPLINE REPORT

Under clause 58 of the University Act the President of the University has authority to impose discipline on students for academic and non-academic offences. In the past the nature of the offences dealt with and the penalties imposed have not been generally made known on campus. It has been decided, however, that a summary should be published on a regular basis of the offences and of the discipline imposed without disclosing the names of students involved.

In the period October 1, 1993 to February 28, 1994, 20 students were disciplined. For each case, the events leading to the imposition of the discipline and the discipline imposed are summarized below. Discipline may vary depending upon all of the circumstances of a particular case.

1. A student used abusive and obscene language and acted in an aggressive way in an incident with a University employee.

Discipline: a letter of severe reprimand placed in the student's file and a record of the disciplinary action entered on the student's transcript. The student may apply after graduation to the President to exercise his discretion to remove the transcript notation.

2. An inference of plagiarism could have

been drawn from a draft chapter of a thesis presented to a student's Thesis Committee.

Discipline: a letter of warning that the student should be more careful in the presentation of material so that no question arises about inappropriate reliance on the works of others.

3. A student took another student's paper during an examination and looked at it for the purpose of verifying his answers and he made some changes in his paper.

Discipline: a mark of zero in the course and suspension from the University for 12 months.*

4. A student was careless in failing to ensure that his examination paper was not accessible to others during an examination.

Discipline: a letter of severe reprimand placed in the student's file.

5. A student's paper repeated verbatim or with only minor modification the language of a chapter of a book resulting in the conclusion of substantial plagiarism.

Discipline: in the special circumstances of the case a mark of zero in the course and suspension from the University for 4 months.*

6. A student plagiarized in the preparation of an essay.

Discipline: in the special circumstances of the case suspension from the University for 4 months.*

7. A student had another student write an examination for him.

Discipline: suspension from the University for 12 months.*

8. A student was careless in failing to ensure that his examination paper was

News Digest

The Dept. of Pathology in the Faculty of Medicine has been renamed the Dept. of Pathology and Laboratory Medicine.

The new name is more inclusive of the sub-specialties which represent the Laboratory Medicine discipline, said Dr. Martin Hollenberg, dean of the Faculty of Medicine.

"There is considerable focus on integration and communication between anatomic pathologists, medical microbiologists, hematopathologists, neuropathologists and general pathologists," he explained.

"Considering the efforts being made at a national level to bring the disciplines closer together, it is important to do so within the faculty."

••••

UBC and Riverview Hospital are collaborating to strengthen their ties in the areas of teaching and research.

A new strategic academic plan recently announced by the hospital places greater emphasis on increasing the infrastructure to support these activities, said Dianne Macfarlane, president and CEO of Riverview Hospital.

The plan includes development of consistent teaching programs which may be incorporated into the hospital's clinical activities and prioritizing research programs to complement work being done by UBC researchers.

Several research programs currently in development at Riverview Hospital, a psychiatric facility operated by the B.C. Mental Health Society, include Alzheimer's disease, neuropsychiatry, schizophrenia, rehabilitation and mental health policy.

••••

A UBC internship program in the Faculty of Commerce and Business Administration has been selected as the British Columbia winner in the 1993-94

National Awards for Excellence in Business-Education Partnerships, post-secondary level.

The award is given by the Conference Board of Canada with a cash prize sponsored by BC TEL.

The internship program, a partnership between the faculty's Centre for Labour and Management Studies and the British Columbia Human Resources Management Association, was designed to bridge the academic and professional aspects of the faculty's undergraduate curriculum. It was designed by Commerce Prof. Tom Knight, director of the centre.

The internship combines paid, professional work experience in industrial relations, human resource management or organizational development with independent academic research under the individual supervision of a faculty member.

••••

UBC is one of four Canadian universities selected to participate in the largest glaucoma study ever undertaken in Canada.

Dr. Frederick Mikelberg, an associate professor of Ophthalmology, will serve as co-principal investigator of the Canadian Glaucoma Study Group. Joining him from the Dept. of Ophthalmology are Dr. Gordon Douglas and Dr. Stephen Drance.

Other Canadian universities participating in the study are Dalhousie University, the University of Toronto and McGill University.

Glaucoma affects one in every 100 Canadians over the age of 40 and is the second largest cause of blindness in Canada. There are an estimated 112,000 Canadians suffering from the disease.

The researchers will focus on possible risk factors of glaucoma such as vascular diseases. The Canadian National Institute for the Blind, E.A. Baker Foundation for the Prevention of Blindness, will provide \$1.5 million funding for the study.

not accessible to others during an examination.

Discipline: a letter of severe reprimand placed in the student's file.

9. A student copied substantial portions of another student's paper during an examination.

Discipline: a mark of zero in the course and suspension from the University for 12 months.* An appeal to the Senate Committee on Student Appeals on Academic Discipline resulted in changing the dates of the term of the suspension; however the length of the suspension was unaltered.

10. A student had other students write an examination for her on two occasions.

Discipline: suspension from the University for two years.*

11. A student had another student write an examination for him.

Discipline: suspension from the University for 16 months.*

12. A student cheated on an examination by looking at another student's examination paper.

Discipline: a mark of zero in the course and suspension from the University for 12 months.*

13. A student on two occasions wrote examinations for other students.

Discipline: suspension from the University for 12 months.*

14. A student copied from another student's paper during an examination and permitted the other student to copy from her paper.

Discipline: suspension from the University for 12 months.*

15. A student had another student write

an examination for him.

Discipline: suspension from the University for 16 months.*

16. A student had another student write an examination for him.

Discipline: suspension from the University for 12 months.*

17. A student had another student write an examination for him.

Discipline: suspension from the University for 16 months.*

18. A student copied from another student's paper during an examination and permitted the other student to copy from her paper.

Discipline: suspension from the University for 12 months.*

19. A student cheated on an examination by having written information on the palm of her hand.

Discipline: suspension from the University for 4 months.*

20. A student wrote an examination for another student.

Discipline: suspension from the University for 16 months.*

* In all cases in which a student is suspended a notation is entered on the student's transcript and in the student's file. At any time after two years have elapsed from the date of his or her graduation the student may apply to the President to exercise his discretion to remove the notation.

Students under disciplinary suspension from UBC may not take courses at other institutions for transfer of credit back to UBC.

Forum

Bruising the Public Eye: The Voice of Fire and No. 16 Art Controversies

by John O'Brian

John O'Brian is an associate professor in the Dept. of Fine Arts and a member of the coordinating committee for UBC's Canadian Studies Program. O'Brian and Prof. Serge Guilbault are editing a book about the Voice of Fire controversy titled "Voice(s) of Fire." O'Brian also serves as an advisor to the Board of Trustees of the National Gallery in Ottawa.

Few observers could have predicted in the spring of 1990, when the Canadian economy was heading into a tailspin and the Meech Lake constitutional accord was unravelling, that one of the longest-running news stories in Canada would feature a painting.

The painting in question was Voice of Fire, the large abstract canvas executed in 1967 by the American artist Barnett Newman for Expo 67 in Montreal, a work which the National Gallery of Canada announced last March that it had just purchased for \$1.76 million.

The merits and demerits of the painting and its acquisition were debated on open-line radio programs, on television news shows like CBC's "The Journal," in the editorial pages of the daily press across Canada, and not least by Members of Parliament and the House of Commons Standing Committee on Communications and Culture. MP Felix Holtmann, then chair of the Committee on Culture and Communications, said that the painting lacked any merit and "look[ed] like two cans of paint and two rollers and 10 minutes would do the trick."

When the National Gallery announced a second major purchase of American abstract art in July 1993, Mark Rothkos's No. 16 (1957), a media uproar as intense as the first erupted. It was as if the media and the Canadian public learned from the initial debate only how to justify and refine their indignation. The pertinent cultural and historical issues that might have been raised in relation to demanding modern art were once again left unexamined, giving the distinct impression that the media did not know how

to intervene responsibly in the debate.

In some respects, I suppose, the prolonged controversy over the two paintings was a cultural tempest in a teapot, a squall that provided some welcome relief from the more violent storms troubling Canada's economic and political future in 1990 and 1993.

It has not been uncommon for art controversies, in Canada and elsewhere, to be used to deflect attention away from other social issues. But it would be a mistake to underestimate what was at stake for those embroiled in the controversy, as well as for the public at large. In ways that were not just symbolic, the controversy reflected the larger themes and debates disquieting Canadians.

When, to state the matter bluntly, have two works of art ever held the attention of the Canadian populace for so long a period of time? Whether we like it or not, because of the controversy Voice of Fire and No. 16 have become as much a part of the crazy quilt of Canadian culture as Tom Thomson's West Wind. By bruising the public eye, by offending Canadian sensibilities about modern art — especially American modern art — the paintings have become notorious.

I think it likely that the National Gallery would have come under attack for any costly and "difficult" acquisition of American art that it made in 1990 or 1993, no matter how sound its reasons for drawing on the public purse.

At the time Voice of Fire was purchased in 1990, there was an intense political unease in Canada over the declining economy and the recently signed Canada-U.S. free trade agreement, and what both might mean for the future of the country. There was also unease about Quebec's renewed aspirations for sovereignty and the possibility of national rupture. In such an atmosphere, the National Gallery and its pricey acquisition became a convenient target for Canadians to aim at.

In this sense, Voice of Fire, like No. 16 after it, became an unsuspecting participant in a contest over the meaning of political signs in Canada—and, equally, over who had the power to control them.

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 April 7, 1994 issue of UBC Reports is noon, March 29.

Services

STATISTICAL CONSULTING PhD thesis, MSc, MA research project? I cannot do it for you but statistical data analysis, statistical consulting, and data management are my specialties. Several years experience in statistical analysis of research projects. Extensive experience with SPSS/SAS/Fortran on PCs and mainframes. Reasonable rates. Call Henry at 685-2500.

INCOME TAX RETURNS prepared for as low as \$30. Electronic filing now available, refunds as quickly as 10 working days. Pick up and delivery from UBC, professionally prepared. Phone Len at 241-0025.

WORD PROCESSING Theses, Manuscripts, Resumes, Term Papers, Charts, Tables, Spelling, Grammar, Double-spaced, \$2.00 per page. Phone Barbara, 758-6875 Nanaimo. Leave number, I'll return your call.

UBC LIBRARY HOURS

Using the libraries during the Easter weekend? Check with the libraries for schedule changes in effect from Friday, April 1 to Monday, April 4.

WEST SIDE IMPORT CAR SERVICE

Repairs-Aircare-Fuel Injection-Performance Tuning. Quality import service by German Journeyman Mechanic provided at a reasonable rate. Complimentary vehicle pick-up and delivery on request. For private appointment call Klaus at 222-3488.

WILLS AND ESTATE PLANNING

Seminar. Is your will up to date? Have you arranged to reduce your estate taxes? Special guest speaker: Mr. James D. Burns, BA, LLB, Monday, April 11, 7:30pm, at West Point Grey Community Centre, 4397 W. 2nd Ave., phone 224-1910 to register. Your host: Edwin Jackson, Estate Planning, Retirement Income, Life Insurance, 224-3540.

For Sale

FOR SALE BY OWNER Cosy, small family starter home, excellent location, 514 East 30th Ave., Vancouver. \$215,000. 874-2213.

For Rent

LONDON, ENGLAND Furnished two-bedroom apartment for rent. Available beginning April. Central location, reasonable rent. 255-6601.

Bio-reactor recycling campus food waste into compost

by Gavin Wilson

Staff writer

A pilot project at UBC is recycling food waste by turning it into nutrient-rich compost for use on gardens and landscaping.

"We are applying basic principles of the biology and chemistry of decomposition to help solve solid waste problems at UBC," said project leader Alan Carter, a visiting Natural Sciences and Engineering Research Council industrial fellow in the Dept. of Bio-Resource Engineering.

Carter, working in Bio-Resource Engineering Prof. Victor Lo's laboratory, developed an accelerated composting process to treat food waste from Food Services and AMS food outlets.

"It's a small project, but an exciting one. It shows what can be done with a little initiative," he said.

The project is part of a larger drive to reduce, reuse and recycle waste products generated at the university. It is being coordinated by Plant Operations' Waste Reduction Program, which aims to reduce waste generated on campus through education, recycling,

reuse and source reduction.

Ten per cent of the solid waste produced at UBC, about 500 metric tonnes per year, is food waste, said project co-ordinator John Metras, who also heads the Waste Reduction Program.

"We're not sure how much of that is compostable — a lot of it is front-of-the-counter garbage that we can't recycle because it is mixed with other wastes — but food waste produced in the kitchens is easy to get at," Metras said.

About half a tonne of food per week is now being composted as part of the project.

The waste is composted in a bio-reactor, a large composter that accelerates decomposition by optimizing conditions that allow micro-organisms to break down waste. The bio-reactor takes less than a week to turn as much as two tonnes of waste into compost.

Carter said recycling waste can save the university money by reducing transportation costs and landfill tipping fees. It also benefits the environment by reducing the amount of material trucked to landfills, where waste can produce harmful gases such

as methane or leach into the surrounding environment.

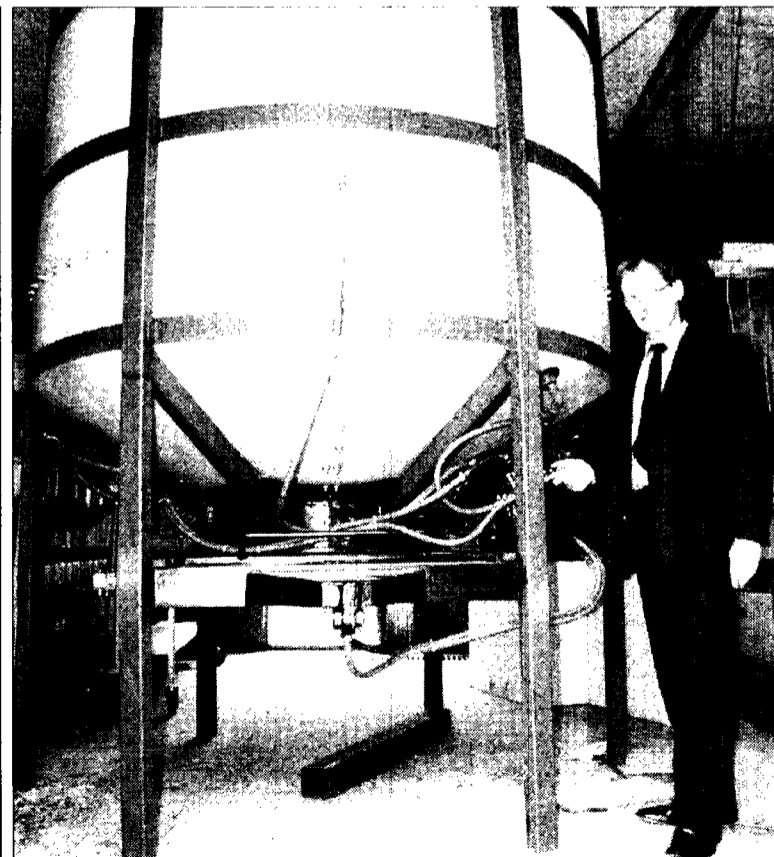
"Recycling has to be economically driven to be successful, but it is also important for the environment to keep waste away from landfills," Carter said.

A soil ecologist and solid waste process specialist, Carter helped develop the bio-reactor under the university's industry partnerships program with the B.C.-based company, Bio-compost Systems Inc., which plans to commercialize the technology.

The bioreactor is a large polyethylene tank with two rubber bladders inside which can be inflated by an air pump, Carter explained. The bladders are alternately inflated in a see-saw fashion to agitate and aerate the contents.

This is linked to a data logger and sensor that monitors temperatures to ensure the process is optimized. Temperature control is essential because most of the decomposition is carried out by heat-loving bacteria.

Carter said the bioreactor could be used by food processing plants as well as large institutions, such as universities, armed forces bases and prisons.



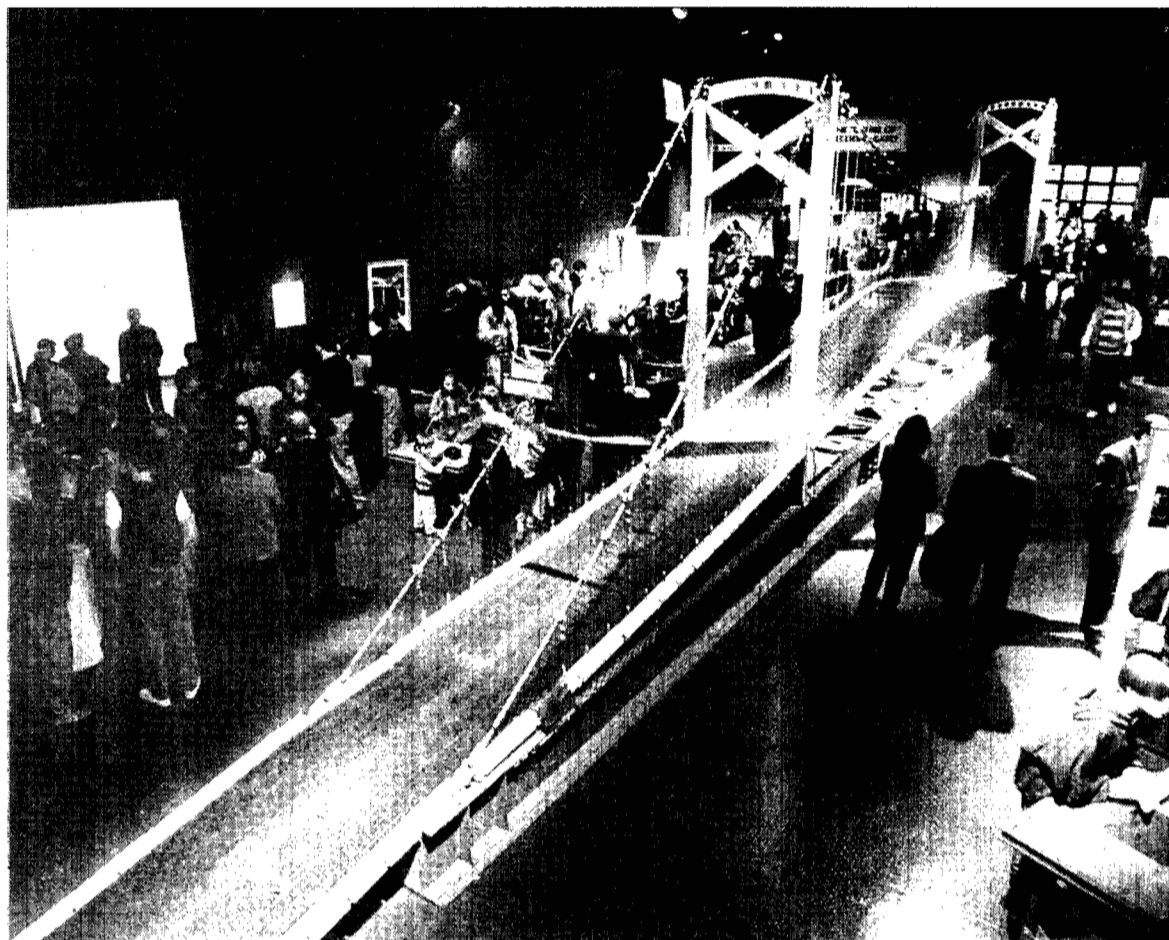
Gavin Wilson photo

Located on the south campus, the bioreactor, shown here with Alan Carter, a visiting NSERC industrial fellow in the Dept. of Bio-Resource Engineering, uses an accelerated composting process to treat campus food waste.

"It's a small beginning but I think it's a big step toward showing other institutions what can be done," he said.

The UBC project is being car-

ried out with funding from the office of Bruce Gellatly, vice president, Finance and Administration, and the assistance of the Dept. of Animal Science.



North Shore News photo

This 21-metre-long replica of the Lions Gate Bridge, on display at Science World until May 8, was designed by UBC Engineering Physics students as a class project. Shahrokh Khorram, Eric Roenitz and David Tilley were awarded the Nodwell Prize, given to members of the graduating class for the best project, for their design.

On display at Science World

Lions Gate replica bridges gap between industry and students

by Gavin Wilson

Staff writer

The three UBC engineering students who designed a 21-metre-long replica of the Lions Gate Bridge didn't expect that dozens of rambunctious kids would flood onto their creation.

The kids jumped up and down and swayed back and forth on the model — a scene of pandemonium not unlike rush hour on the real bridge — at the official opening of the Science World exhibit.

"The kids had a ball," said Harold Davis, a professional engineer and industrial research supervisor in the Engineering Physics program who helped to supervise the students' design of the project, with a laugh.

Davis could afford to laugh. He knew there was no need to worry about the kids' safety or damage to the model. The three UBC students, Shahrokh Khorram, Eric Roenitz and David Tilley, had made sure their replica would take the punishment.

In further recognition of their work, the three students were recently awarded the Nodwell

Prize, given to members of the graduating class for the best project, for their design.

The final design was also approved by David Harvey, a professional engineer who is responsible for the engineering aspects of the Science World display.

Every day until May 8 a stream of people will cross over the wood and steel cable bridge, which was built by Science World for its exhibition Stresses and Strains: Building Bridges, a look at the past, present and future of the Lions Gate.

Like the famous landmark, the model is a suspension bridge. Such bridges are not rigid structures. The deck is suspended by cables from the twin towers and moves in response to the load it carries. The towers move, too.

"It's a reactive model. It moves on a larger scale than in real life, but it moves realistically," Davis said. "The model accentuates this motion. Even a single person on the model span causes it to move."

Safety was a prime design consideration since people, especially children, would be walk-

ing across the metre-wide bridge. The design also had to demonstrate the principles behind suspension bridges and be economical to build.

The bridge is one of 13 projects completed last fall by students in the engineering physics project lab, a course taken by all senior engineering students to give them exposure to real engineering problems.

"These projects give students a chance to use some of the academic skills they've acquired to solve real problems, usually with an industrial partner," Davis said.

Some of the projects recently completed by students in Davis' lab included measuring process conditions in a mechanical refiner for PAPRICAN, and developing a novel electronic motor controller for Kinetic Technologies.

Other projects involved automating the control of beamline blockers in the Ebcu Technologies cyclotron and developing an optical method to transform large arrays of digital information from a synthetic aperture radar for MacDonald Dettwiler.

Swimmers emerge CIAU champions

by Abe Heffer

Staff writer

Paced by Sarah Evanetz's five-medal performance, the women's UBC swim team took top honours at the Canadian Interuniversity Athletic Union (CIAU) swimming championships March 12-13 in Victoria.

The women finished with a total of 465 points, compared to 367 for runner-up University of Montreal.

The UBC men's team finished seventh.

Evanetz finished first in the 50-metre butterfly, the 100-metre butterfly and the 200-metre freestyle. She was also part of the winning four-by-100-metre medley relay and four-by-100-metre freestyle relay teams.

Teammate Anne Barnes reached the winners' circle four times in Victoria, winning the 50- and 100-metre backstroke races and as a member of two winning relay teams.

UBC's Tom Johnson was named the CIAU women's team

coach of the year.

On the basketball front, the UBC women's team is back home after its first appearance at the CIAU championships in 19 years.

The T-birds beat the University of Victoria two games to one in the best of three Canada West championship earlier this month to earn a berth in the CIAU final in Calgary, March 11-13.

However, their bid for a national title fell short as the Thunderbirds lost to Manitoba and Concordia.

People

by staff writers

John Sacré, a carpenter with Plant Operations, has been named junior national coach of the Canadian Men's Field Hockey Team. His task will be to select a junior (under 21) national team and prepare it for major international competitions and the Olympic Games.

Sacré, a national team athlete in the 1980s, is currently one of the highest qualified coaches in the country with a National Canadian Coaching Program Level 4 Certificate. His appointment is a part-time position.

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Dr. David Hardwick, associate dean of research and planning in the Faculty of Medicine and **Lynn Smith**, dean of the Faculty of Law, have been appointed to the board of B.C.'s Women's Hospital and Health Centre.

The new hospital society was formed after the merger of the former Grace Hospital and the Women's Health Centre.

Hardwick and Smith are part of a six-member interim board that will consult with the community on the management and organizational structure of the society and select a chief executive officer for the health care facility.

The appointments were announced by the Ministry of Health on March 1.



Smith

••••

Dr. John Aldrich, a clinical professor of Radiology, has been appointed head of the newly created Basic Science Division of the Dept. of Radiology.

Aldrich joined UBC last year from Dalhousie University in Halifax. His duties include developing a digital imaging program for the division, supervising post doctoral students and resident training.

In addition, he will be responsible for developing a medical physics program with the Dept. of Physics in the Faculty of Science.

••••

John McNeill, dean of the Faculty of Pharmaceutical Sciences and **Glenda Meneilly**, an assistant professor of Pharmaceutical Sciences, were honoured recently by

the faculty for their contributions to the establishment of the first Doctor of Pharmacy (PharmD) program in Canada.

Launched in September, 1991, the two-year program is designed to prepare advanced specialists in clinical pharmacy.

McNeill and Meneilly, who serves as director of the program, were presented with plaques and cited for their leadership and commitment.



McNeill

••••

Third-year law student **Timothy Howard** is this year's winner of the William G. Black Memorial Prize essay competition.

The \$1,600 prize is awarded annually to a student enrolled full time in an undergraduate or professional program who writes the best essay on a topic related to an aspect of Canadian citizenship.

Sixty-one students took part in this year's competition. The topic was last year's incident at the Newton branch of the Royal Canadian Legion, where Sikh war veterans were barred entry because they wore turbans.

The award was created by Black, an associate professor in the Faculty of Arts and Science, who retired in 1945.

••••

Kim McElroy, assistant manager in Athletic and Sport Facilities, has received a scholarship from the International Association of Auditorium Managers to attend the Public Assembly Facilities Management School in Wheeling, West Virginia, for sessions in 1994 and 1995.

The school attracts an international faculty of experts in the management of major public, private and university public assembly facilities.

McElroy joined UBC in 1987 with Community Sports. Over the last five years she has served as an administrative and program assistant.



McElroy

School of Nursing celebrates 75th anniversary

Making a difference. Meeting the challenge.

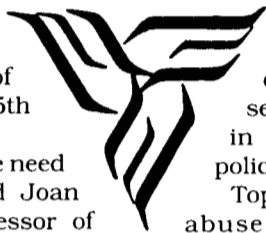
Those are the themes of the upcoming International Nursing Research Conference, May 4 to 6 at the Hotel Vancouver, sponsored by the School of Nursing in celebration of its 75th anniversary.

The conference signals the need to look to the future, said Joan Bottorff, an associate professor of Nursing and chair of the conference planning committee.

"It will be an exceptional opportunity to learn about new discoveries in nursing care, the latest advances in the utilization of nursing research in clinical practice and current methods used to evaluate nursing interventions."

More than 300 presentations, including symposia, panel discussions and poster displays, will be featured during the three-day event.

Bottorff and colleagues in the School of Nursing have spent the past four years



organizing the conference which will bring together health professionals from 14 countries to exchange nursing knowledge.

"We hope that the ideas and information shared at the conference will help stimulate new developments in nursing research and initiate improvements in nursing practice and health policy," Bottorff said.

Topics such as caring and pain, abuse during pregnancy and transcultural health care issues will be featured.

Opening the conference is a public lecture presented by Margarete Sandelowski, a prominent nurse researcher from the University of North Carolina at Chapel Hill.

She will share the results of her research focusing on women's experiences of health care involving reproductive technologies.

Bottorff stressed the importance of including the community by holding a public lecture to increase awareness of

nursing research and its significance in people's daily lives.

"Compared to medical research, which is primarily concerned with diagnosis and treatment of illness, nursing research focuses on how individuals and their families experience and adapt to various health and wellness situations."

In addition to honouring the School of Nursing's diamond anniversary, the conference celebrates the growth and diversity of nursing research in recent years, Bottorff said.

That's why a stylized bird in flight, based on images from Haida artists of the Pacific Northwest, was chosen as the conference logo.

"The power of a bird's wing reflects the increasing strength of research as a force in uniting nurses for international exchange to advance nursing knowledge."

**Stories by Connie Filletti
Staff writer**

UBC nursing graduates innovators in their field

These are a few of the women, from the long list of outstanding UBC nursing graduates, who dedicated their lives to improving the health care of people in their home communities and throughout the world. Many were pioneers in the field of public health nursing.

Louise Buckley (class of '21) worked as a school nurse with the Saanich Health Department, the first community in B.C. to establish a provincially run health centre. She was responsible for introducing hot lunches into the Saanich school program, a concept that was to become a standard in schools across Canada.

Lyle Creelman (class of '36) was appointed chief nurse in the British occupied zone in Germany after the Second World War and was responsible for the care of millions of people who were displaced from their homes by the war. She also served as a nursing consultant in maternal and child health for the World Health Organization.

Muriel Harman (class of '21) worked for the Victorian Order of Nurses in Burnaby after her graduation and established the country's first well-baby clinic in that municipality. She later served as a nurse-missionary in the Belgian Congo (Zaire) for 37 years. In 1964, Harman was captured and murdered by forces opposed to independence.

Mary Henderson (class of '29) served as the nursing supervisor in the El Shatt camp near Port Said at the entrance of the Suez Canal after the Second World War, providing health care to thousands of Yugoslav refugees.

Treana Hunter (class of '44) provided nursing care for thousands of people of Japanese origin who were confined to internment camps during the Second World War.

Esther Paulson (class of '34) was the first nurse to serve in the newly created welfare field service in the East Kootenays. The service, the only one of its kind in Canada, provided care where organized health services were not yet available.



UBC Nursing, 1921

Enrolment in the British Commonwealth's first degree-granting nursing school grew from four students in 1919 to 10 by 1921.

New School of Nursing director appointed to five-year term

Katharyn May, associate dean for research and a professor at Vanderbilt University's School of Nursing, has been appointed director of UBC's School of Nursing for a five-year term beginning July 1.

Axel Meisen, dean of the Faculty of Applied Science, hailed May as an outstanding academic and practitioner.

"Building on the current strengths in research, teaching and practice, Prof. May is ideally suited to help the School of Nursing become a major force in the evolution of North American health care and, in particular, in the community-oriented health care system envisaged for British Columbia," he said.

May graduated from North Carolina's Duke University with a BSN in Nursing Psychology. She received her graduate training at the University of California at San Francisco, completing an MS in Nursing and DNSc in Nursing Science before joining the university's faculty in 1974.

May began her academic career at Tennessee's Vanderbilt University in 1987 as an associate professor and chair of the Dept. of Family and Health Systems Nursing. She also served as director of the university's PhD Nursing Science Program from 1992 to 1993 before her appointment as professor and associate dean for research.

May is the recipient of several honours and awards, including Duke University's School of Nursing Outstanding Service Award (1973) and Distinguished Alumni Award (1987).



Katharyn May

In 1985 she was presented with the Teacher of the Year Award from the University of California at San Francisco School of Nursing and was honoured by Vanderbilt University's School of Nursing with the Shirley Titus Award for Excellence in Undergraduate Nursing Education in 1989.

May is a member of the American Academy of Nursing, the American Nurses Association and the National Perinatal Association. Her research interests include the social-psychological experience of first-time expectant fathers and high-risk pregnancies.

She replaces Marilyn Willman, who served as director from 1976 until her retirement in December.

Milestones

1919

Department of Nursing and Health established in the Faculty of Applied Science in collaboration with VGH.

1920

Diploma program in public health nursing begins.

1923

Three graduates receive BAs(N), the first nursing degrees awarded in the British Commonwealth.

1930

Double degree program begins. Students receive BA and BAs(N) degrees. Discontinued in 1950.

1951

Department of Nursing and Health reconstituted as School of Nursing. BSN degree replaced BAs(N).

1958

UBC/VGH combined program ends. UBC School of Nursing becomes independent.

1968

MSN degree program begins.

1973

BSN degree program shortened to four years from five years. Diploma program in public health nursing ends.

1989

Nursing research unit opens to support the development of nursing research and improve the quality of health care through increased knowledge. VGH School of Nursing closes. Begins collaborative program with UBC.

1991

PhD program in Nursing, one of the first in Canada, begins.

1994

The School of Nursing, the oldest degree-granting school of nursing in the British Commonwealth, celebrates its 75th anniversary.

Calendar of Events

May 4 - 6

International Nursing Research Conference

Nurses from around the world will gather at the Hotel Vancouver to share information about the newest discoveries in nursing care, advances in the use of nursing research in clinical practice, and evaluating nursing interventions. Contact: Joan Bottorff at 822-7438.

May 12

75th Anniversary Dinner

In collaboration with the Nursing Alumni, the faculty and students from the School of Nursing will celebrate the school's diamond anniversary with a dinner at the Delta Pacific Resort and Conference Centre. Contact Susan Blair at 822-7439.

October 14 - 16

Nursing Open House

Everyone is invited to visit the School of Nursing which will open its doors during a three-day campus event featuring science and technology at UBC. Contact the School of Nursing at 822-7417.

October 16

The Great Trek

All faculty, alumni, students and interested individuals are invited to re-enact the Great Trek and participate in the Arts 20 Relay from Vancouver Hospital and Health Sciences Centre to UBC. Contact Alison Nicholas at 822-7417.

October 20

Marion Woodward Lecture

Katharyn May, newly appointed director of the School of Nursing, will deliver the 25th annual Marion Woodward Lecture during UBC's Health Sciences Week. Contact the School of Nursing at 822-4717.

November 14

Scholarship and Award Winners Reception

A celebration for the School of Nursing's faculty and students to honour this year's student scholarship and award recipients. Contact Wendy Hall at 822-7447.