

UBC REPORTS

Volume 39, Number 4

February 25, 1993

Hospital closure hits medical programs

by **Connie Filletti**

Staff writer

UBC health sciences undergraduate and residency training programs are facing relocation in the wake of the

province's decision to close Vancouver's Shaughnessy Hospital.

There are approximately 1,800 undergraduate health sciences students currently enrolled at UBC, and over 500 medical residents, many of whom will be

affected by Shaughnessy's shutdown.

"The university is in the process of assessing the implications for all health sciences students and programs which are based, in whole or in part, at the Shaughnessy site," said Dr. William

Webber, co-ordinator of Health Sciences.

The health sciences at UBC include the faculties of Medicine, Dentistry and Pharmaceutical Sciences, as well as the schools of Nursing, Rehabilitation Sciences and Audiology and Speech Sciences.

B.C. Health Minister Elizabeth Cull announced Feb. 15 that Shaughnessy will be closed over the next six to seven months.

Dr. Martin Hollenberg, dean of the Faculty of Medicine, said that although relocations may be necessary, the government failed to recognize the important academic role a major teaching hospital like Shaughnessy plays, in addition to the clinical care it provides.

The hospital's closure will have a significant impact on UBC's academic activities which must now move with difficulty and at some expense to other sites, he added.

"It would have been far preferable if the ministry had discussed the closure and its pros and cons with the university in detail before the announcement was made," Hollenberg said.

"The importance of the academic activities could have been explained and proper planning done in advance of the closure announcement."

Faced with government's decision, Hollenberg said that the Faculty of Medicine will work hard to assist the process and to minimize the disruption faculty, staff and students may experience in their work and studies.

Both Hollenberg and Dr. David Hardwick, associate dean of research and planning in the Faculty of Medicine, will participate in advisory and transfer committees established by the province to oversee the process.

Hardwick expects that plans for transferring UBC's medical programs to other facilities in the city will be finalized by April.

He believes that the government's plan to expand B.C. Children's Hospital and maternity care facility Grace Hospital — which share the same complex with Shaughnessy — will allow expansion of certain programs UBC already has at the site.

"It makes sense for our specialty programs in obstetrics, gynecology, pediatrics and women's health to remain at Shaughnessy," Hardwick said. "It will also allow the needed expansion of our teaching and research activities in these areas."

The provincial government is hoping to save nearly \$40 million annually by redistributing services in the 360-bed acute care facility to other hospitals in Vancouver and the Fraser Valley.



Martin Dee photo

Sweet Sounds

Violinists Paul Luchkow and Mary Jane Van der Sloot were two of 19 students who took part in a noon-hour performance featuring Haydn, Ravel, Beethoven and Debussy during ArtsFest '93. An initiative of the creative and performing arts departments, organizers hope the enthusiasm generated by this year's ArtsFest can be carried forward to a similar showcase of talent next year.

Budget woes prompt UBC hiring freeze

by **Gavin Wilson**

Staff writer

UBC has put an immediate freeze on all new hiring after receiving word that the university will not obtain any increase

in this year's operating grant from the provincial government.

The funding crunch means UBC will have to make a "multi-million dollar reduction" in expenditures to bring the budget into line with anticipated income.

President David Strangway said in one of two letters sent to staff and faculty earlier this month.

Such spending cuts will have an inevitable effect on faculty and staff positions, he said, because salaries and benefits account for 83 per cent of the university's current operating expenditures.

"But we'll do everything in our power to manage any cutbacks by attrition," Strangway said.

The hiring freeze on new positions funded through the operating budget will give the university flexibility for long-term planning, he said. The freeze will be reviewed at least quarterly and will be

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Martha Salcudean appointed new associate VP of research

by **Gavin Wilson**

Staff writer

Martha Salcudean, head of the Dept. of Mechanical Engineering, has been appointed associate vice-president, Research, effective Nov. 1.

She replaces the current associate vice-president, Bernard Bressler, who is stepping down to become the head of the Dept. of Anatomy.

In her new position, Salcudean will have a different portfolio than Bressler, who promoted research in the health sciences. Salcudean will concentrate on engineering, basic and applied science, forestry and agriculture.

"As an educator, researcher, administrator and collaborator with industry, Martha has an outstanding record of achievement. She brings a great deal of expertise to this position," said UBC President David Strangway.

"We are delighted that a person with Martha's research experience and

contacts with industry has agreed to devote her time and effort to encourage and support other faculty members in this regard," said Robert Miller, vice-president, Research.



Salcudean

Salcudean will help to promote and develop a broad spectrum of basic, applied and targeted research activities on campus, as well as liaise with government, industry and other agencies.

"I am pleased to be able to foster collaboration between the university and industry. I believe strongly in such

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Budget

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lifted as soon as circumstances permit.

Enrolment levels will unfortunately also have to be adjusted to bring them more into line with funding provided by the provincial government, he said. At the present time, UBC is carrying a very large complement of unpurchased student places.

Strangway said the government has not yet made its position clear on a number of

issues that have financial implications for the university.

For example, it is not yet known how the province will honor its commitment on pay equity for both unionized and non-unionized employees or whether the province intends to provide funds for provincially mandated pension contributions for part-time employees. There is also a question of whether the government will fund the operating costs of new buildings.

"We are looking forward to

hearing from the provincial government about these unresolved issues," Strangway said.

While government funding is curtailed, UBC also faces rising costs in a number of areas, such as utilities and previously approved salary settlements, he said. As well, salary and benefits negotiations for faculty and management and professional staff are upcoming.

Strangway said that the university community will be

kept informed of the state of UBC's finances for 1993/94 as more information is received from the government.

Hopes for an increased operating grant were raised last month in Premier Mike Harcourt's televised address to the province. He said then that post-secondary education, schools and hospitals would receive a three per cent increase in provincial support in the coming year.

However, Tom Perry, minister of Advanced Education, Training and Technology, has indicated that his ministry's increase will largely be used to expand access to B.C.'s university-colleges, community colleges and the University of Northern B.C., which is currently under construction in Prince George.

He said there will be no

inflationary increases for any of the province's universities and colleges, which are prohibited by law to operate at a deficit.

UBC's Alma Mater Society is calling on the provincial government to repeat a two per cent grant given to the university last year to partially offset a tuition freeze.

"It would be invaluable to the university," said outgoing AMS President Martin Ertl. "The government will then have ensured that the tuition increase is tolerable and also that UBC is financially able to fulfill its mandate."

UBC's Board of Governors announced an 11.9 per cent tuition increase last month, with a proviso that the increase would be reduced to 9.9 per cent if the government repeated its offsetting grant.

Honorary degrees granted to 13

Opera star Maureen Forrester, jazz pianist Oscar Peterson and former grand chief of the Assembly of First Nations, Georges Erasmus, are among 13 outstanding individuals who will receive honorary degrees from UBC this year.

Nominees are distinguished scholars, creative artists, public servants, those prominent in the community and the professions, and others who have made significant contributions to the life of the university, the province, nationally or internationally.

Other honorary degree recipients are Mary Ashworth, UBC professor emerita of Language Education; Charles Bourne, UBC professor emeritus of Law; Minnie Croft, a past winner of the Gold Feather Award for outstanding dedication to First Nations communities; Yves Fortier, formerly Canada's ambassador and permanent representative to the United Nations; William Gibson, chancellor emeritus, University of Victoria and professor emeritus, UBC; Norman B. Keevil, chair and

CEO, Teck Corporation and chair of the board, Cominco; Pyong Hwoi Koo, businessman and past winner of Korea's highest civilian honor; Gerard Pelletier, journalist, labor and social activist, politician and diplomat; Leslie Peterson, UBC chancellor for the past six years; and Peter Wrist, president, CEO and director, PAPRICAN, Quebec.

Most of the honorary degrees will be bestowed at UBC's spring Congregation, May 25-28, while the rest will be presented at fall Congregation in November.

New parking passes may meet safety concerns

by Connie Filletti

Staff writer

Evening and weekend parking passes may help ease concerns about personal safety for individuals working or studying at UBC after hours.

The passes would apply to metered parking spaces and be made available at nominal cost, said John Smithman, director of Parking and Security Services (PASS). There are 500 metered spaces on campus.

"Many faculty, staff and students have expressed concern about parking long distances from their work place at night," said Florence Ledwitz-Rigby, chair of the President's Advisory Committee on Women's Safety.

"Being close to metered parking that doesn't require constant meter-feeding may help some of these people."

The Women's Safety Committee, in co-operation with PASS and Campus Planning and Development, has been studying the idea as part of its ongoing efforts to improve safety services.

In order to assess the feasibility of creating the passes, Parking and Security is encouraging people who would benefit from the service to complete an application asking for information about their current parking practices and needs.

"I also urge anyone whose work place is not close to meters to park in the well-lit, monitored lots and use the various services already available for them, such as the security bus or the AMS and patrol escort services," Smithman advised.

Applications may be obtained from the PASS office located at 6501 N.W. Marine Drive.

Research

Continued from Page 1

cooperation," Salcudean said. "The university, industry and government must work together to promote technological advancement and wealth and job creation in B.C."

Salcudean heads several large collaborative projects with major companies, such as Weyerhaeuser, Pratt & Whitney Canada, and Atomic Energy of Canada.

She is a noted researcher who has won acclaim for computer simulations of fluid flow in industrial processes. Her research funding is among the highest of any engineering researcher in Canada.

Salcudean joined UBC in 1985, becoming the first woman in Canada to head up an engineering department. Born and educated in Romania, she is fluent in four languages.

She is the recipient of a Science and Engineering Gold Medal from the B.C. Science Council, a Killam Research Prize and an honorary degree from the

University of Ottawa. She is also a fellow of the Canadian Academy of Engineering.

She also holds memberships on the governing council of the National Research Council, the National Advisory Panel on Advanced Materials and the board of the Advanced Systems Institute.

As head of her department, Salcudean was particularly active in promoting co-operative education and strengthening design in engineering education. She is also a member of the Canadian Academy of Engineering's education committee.

Salcudean will stay on as head of Mechanical Engineering until the end of October. She said that, while looking forward to her new position, she will miss the close collaboration with her colleagues and staff in the department and in the Faculty of Applied Science.

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On April 7, 1993

President David Strangway and University Librarian

Ruth Patrick

are hosting the

3rd Annual Reception for UBC Authors.

If you're a UBC author, please contact Margaret Friesen or Pauline Willems Main Library (822-4430/822-2803)



Eaves

Correction

UBC Reports incorrectly identified Connie Eaves in the January 28 issue. Eaves, a professor in the Dept. of Medical Genetics and deputy director of the Terry Fox Laboratory, recently won a UBC Killam Research Prize.

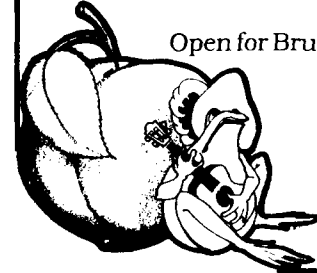
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UBC REPORTS

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: Ron Burke, Connie Filletti, Abe Heffer, Charles Ker, Gavin Wilson

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

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Dickens melodrama offers action, intimacy

by Charles Ker

Staff writer

When the Royal Shakespeare Company brought Charles Dickens' Nicholas Nickleby to the stage in the mid-1980s, Errol Durbach was sure it would take off.

Split into two, four-hour evenings, this ambitious production was perhaps too big to fly.

Still, the London spectacle left a lasting impression on Durbach who remained convinced that Dickens held tremendous potential for stage drama.

"The simple fact is he tells a hell of a good story," said Durbach, head of UBC's Dept. of Theatre and Film. "After seeing Nicholas Nickleby, I thought how nice it would be if theatre just got back to telling a story again; to making people laugh, cry, gasp and hold their breath."

These are reactions he hopes to elicit from audiences at Frederic Wood Theatre when his adaptation of Dickens' novel, Dombey and Son, appears March 10-20.

Durbach believes that in its preoccupation with presenting human ideas and conditions, contemporary theatre has lost touch with character development and plot. Dombey and Son, he says, has it all.

A lesser known of Dickens' works, the book nonetheless carries the author's distinctive signature of a huge cast, a tangled plot and tidy resolution.

And therein lay Durbach's challenge: how to condense 900 pages and close to 100 personalities into a two-and-a-half hour script with 34 characters. After several years pondering this question, Durbach finally got down to pruning the novel in 1991. The result is what he believes to be a lucid storyline complemented by scenic sets, brilliant

costumes and an original musical score.

He even manages to bring a train on stage.

"It's a wonderful moment when Mr. Carker gets killed by the on-rushing train," says Durbach. "How it's done is the director's problem, not mine. I just knew we had to have it in."

Set against the familiar backdrop of Dickens' industrial England, the novel, as its name suggests, focuses on the business and family relationships of one individual. Specifically, it traces the fall and moral rise of its main character, Paul Dombey.

Dombey, who exemplifies the progress-driven merchant of the mid-19th century, allows money to so dominate life that his family interactions become nothing more than business negotiations.

Assistant Professor John Wright will direct 18 theatre students in the two-act show.

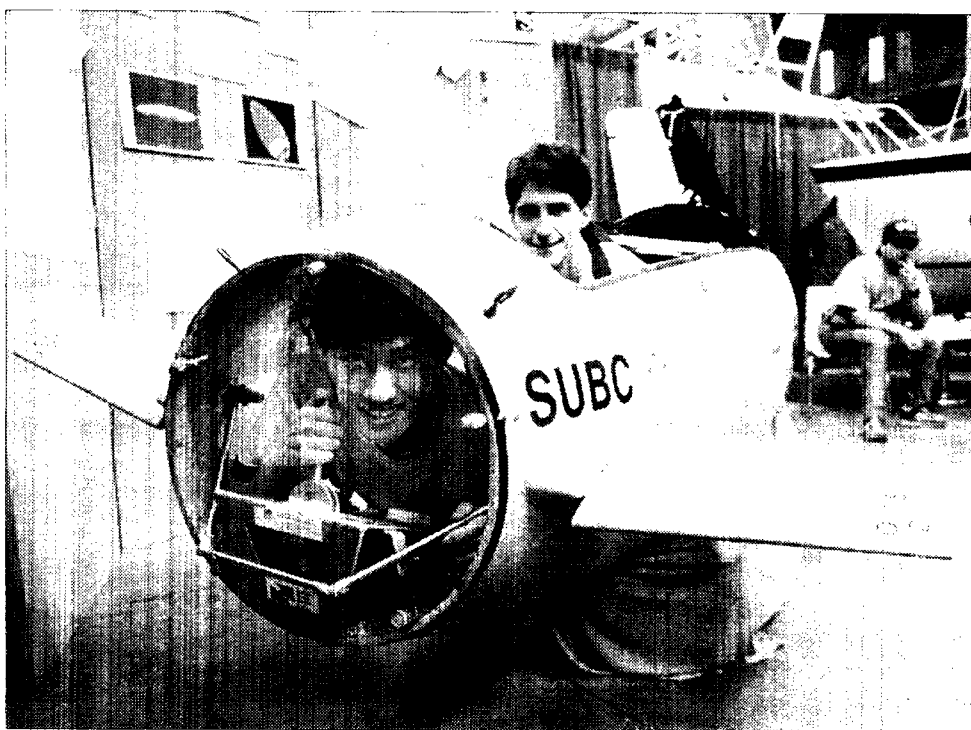
As Dickens is known to be highly sentimental, Durbach says his adaptation will be emotionally demanding for the actors.

"The performers will have to find a new technique of speaking and expressing themselves in a melodramatic way," said Durbach. "Dickens pulls out all the emotional stops and the students will have to respond to that. At the same time, they've got to be careful to play it straight."

In the spirit of a Victorian melodrama, the play will also include musical accompaniment written especially for the production by Canadian composer Michael Conway Baker.

Dombey and Son marks Dickens' first foray onto the Freddy Wood stage as well as Durbach's first appearance as playwright.

On both counts, Durbach hopes it's not the last.



Gavin Wilson photo

Raising Sub-consciousness

UBC Engineering students Vernon Chang, left, and Geoffrey Liggins demonstrate their human-powered submarine at the recent Vancouver International Boat Show. A team of Engineering students is raising funds to cover the cost of competing in human-powered submarine races held in Fort Lauderdale, Florida this June.

Provinces climb aboard math, science survey

by Charles Ker

Staff writer

Canadians are slowly climbing aboard as the Third International Mathematics and Science Study (TIMSS) prepares to set sail in 1995.

So far, 50 countries, 10 more than expected, have signed on for the global survey to test the knowledge and skill of nine-, 13- and 16-year-olds in math and science.

"It's like trying to manoeuvre a supertanker," said Professor David Robitaille, head of the UBC team which is co-ordinating the \$4-million project.

With the recent addition of Ontario, Canada's participation in the project now stands at four provinces, including B.C., Alberta and New Brunswick. Robitaille, who hopes the study will open lines of communication on educational issues within our own borders, is optimistic that more Canadians will sign on before the test is launched.

From the basement of UBC's Faculty of Education, Robitaille's 15-member team has spent two years developing the timelines, translation systems and instruments that will analyse TIMSS data. Most of the information will come from questionnaires filled out by students, teachers and government officials.

The largest study of its kind ever, UBC organizers estimate the decade-long project will reach about one million

children and 25,000 teachers.

Previous studies in Canada, including a cross-country survey in 1991, have compared student achievement but failed to supply any explanation of results. TIMSS will measure and compare achievement scores of individual students as well as curricula and teaching methods.

Robitaille admitted that while TIMSS may seem a cumbersome and time-consuming project to set up, once launched, it will prove an efficient method of gauging a country's educational strengths and weaknesses.

Other issues TIMSS will examine are the effects of technology on teaching, how children are selected for math and science courses and the participation of women in senior secondary sciences.

Sponsored by the International Association for the Evaluation of Educational Achievement (IEA), funding for the first five years of the decade-long study has come mainly through grants from the U.S. and Canadian governments.

The IEA's last study of math and science examined 24 countries, half that of TIMSS, in the early 1980s. Organizers say repeating this type of study establishes trends which give policy-makers an idea of what direction their educational systems are heading.

A non-governmental organization, the IEA was created in 1960 when it began the First International Mathematics Study.

Offbeat

by staff writers

An eye-catching acronym seen in the BioSciences building, posted on a door: L.O.V.E.R.S. (Laboratory of Vertebrate Engineering Research and Science).

• • • •

Twenty-seven years after their first exhibition at the UBC Fine Arts Gallery, Iain and Ingrid Baxter are back.

In 1966, the two Vancouver conceptual artists presented a show called Bagged Place Environment featuring pieces of rented furniture individually wrapped in clear plastic.

Operating as the N.E. Thing Co., the Baxters' were constantly plugging into new artistic outlets. They were experimenting with telecopiers (the prototype of the fax machine) as early as 1970 and were the first artists in Vancouver to use Cibachrome processing.



Sign Here

This current UBC exhibition, which runs until March 27, is curated by William Wood and Nancy Shaw and focuses on their landscape works from 1965-1971 - the period in which conceptual art was introduced to Vancouver.

Bags are included.

• • • •

Hey, you with the twitchy index finger and the glazed-over eyes. All those squandered hours in the SUB arcade might pay off, after all.

The Bookstore is holding a computer games contest on Wednesday, March 3, between 11:30 a.m. and 2 p.m. Entrants can test their abilities and battle it out for prizes that include software and electronic goods.

The Bookstore's computer shop supervisor, Sandra Blackmore, says the contest is to draw attention to the fact that the computer shop will now be carrying games year-round, instead of just during the Christmas season.

Nazi era books damaged in stacks

A vandal has destroyed valuable books on the Nazi era housed in the Main Library.

More than 25 books on Second-World-War Germany, many of them irreplaceable, had sections ripped out before being replaced on library shelves.

The vandalised books were discovered in the reference area and in the stacks recently by Jocelyn Godolphin, head of the Humanities and Social Sciences Division.

It's not known when the vandalism took place.

Huge sections containing information on the German military were torn out of many of the books. In some cases the tables of contents and

title pages were removed, making it impossible to identify the missing information, said University Librarian Ruth Patrick.

"Some of these books go back to 1945," said Patrick. "Those which can be replaced would have to be done so at a cost of thousands of dollars."

Patrick said the incident has been reported to the RCMP. In the meantime, library officials have begun a security audit of the Main Library to see what can be done to improve the situation.

"Until we move into new facilities with the completion of phase one of the new library centre in 1995, securing the many access and exit points in the Main Library will remain one of our priorities."

Calendar

February 28 through March 13

Seminars

Monday, March 1

BC Cancer Research Centre
The Oxygenation Of Tumours. Dr. Andrew Minchinton, Medical Biophysics. BC Cancer Research Centre Lecture Theatre at 12pm. Call 877-6010.

Mechanical Engineering Seminar

Swirling Turbulent Combustion. Dehong Zhang, PhD student. Civil/Mechanical Engineering 1202 from 3:30-4:30pm. Refreshments. Call 822-6200/4350.

Astronomy Seminar

TBA. Omer Blaes, Canadian Institute of Theoretical Astrophysics. Geophysics/Astronomy 260 at 4pm. Coffee at 3:30pm. Call 822-4891/2267.

Tuesday, March 2

Pharmacology/Therapeutics Seminar

Diabetes In The Elderly. Dr. Graydon Meneilly, Medicine. University Hospital G279 from 12-1pm. Call 822-6980.

Pharmaceutical Sciences Seminar

Design And Synthesis Of A Calcium Binding Protein. Mr. Ric Procyshyn, BSc, Pharmacy, MSc, Pharmaceutical Sciences. IRC #4 at 12:30pm. Call 822-2051.

Botany Seminar

Regulatory Mechanisms Controlling Expression Of Seed Storage Protein Genes. Dr. Alison Kermode, Biology. SFU. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

Oceanography Seminar

Statistical Mechanical Tendencies In Simulations Of Flow In Bata-Plane And Topographic Basins. Patrick Cummins, Institute of Ocean Sciences, Sidney. BC. BioSciences 1465 at 3:30pm. Call 822-2828.

Faculty Development Seminar

Leading A Lively Tutorial. Judy Brown, English. Angus 33 from 3:30-5pm. Call Lynne Abbott at 822-9149 to register.

Occupational Hygiene Programme Seminar

A Population Health Perspective On Occupational Health. Dr. Clyde Hertzman, associate professor, Health Care/Epidemiology. University Hospital G226 at 4pm. Call 822-9595.

Wednesday, March 3

Faculty Association Seminar

The UBC Pension. Marcelle Sprecher, manager, Compensation/Benefits Management; Stan Hamilton, member, Pension Board. Hennings 201 from 12:30-1:20pm. Call Lynne Abbott at 822-9149.

Microbiology Seminar Series

Why Immuno Regulation Is Not As Complicated As It Looks: Multiple Cytokines Trigger Common And Specific Signal Transduction Paths. Dr. John

Schrader, Biomedical Research Centre. Wesbrook 201 from 12:30-1:30pm. Call 822-3308.

Astronomy Seminar

Circum-Protostellar Environments. Cerald Moriarity-Schieven, Dominion Radio Astrophysical Observatory. Geophysics/Astronomy 260 at 4pm. Coffee at 3:30pm. Call 822-2696/2267.

Pharmaceutical Sciences Seminar

Amphotericin B Versus Fluconazole For Disseminated Candidiasis. Jane De Lemos. Family/Nutritional Sciences 320 at 4:30pm. Call 669-6500 pager 421.

Thursday, March 4

Whole Earth Seminar

Seismic Stratigraphy Of The Fraser River Delta: Sedimentary Framework & Evolution Of A Macrotidal Delta During The Holocene Sea Level Rise. Mike Roberts, SFU. GeoSciences 330A at 12:30pm. Refreshments/discussion following. Call 822-9258.

Faculty Development Seminar

The Art Of Survival In The Large Class Setting. Gary Poole, Psychology, SFU/director, Centre for University Teaching. Angus 33 from 3-5pm. Call Lynn Abbott at 822-9149 to register.

Leon/Thea Koerner Psychology Seminar

Research Issues In Attention. Prof. Michael Posner, director, Institute of Cognitive/Decision Sciences. U. of Oregon. Kenny 3302 at 4pm. Call 822-6771.

Faculty Association Seminar

The UBC Pension Plan And Government Benefits. Marcelle Sprecher, manager, Compensation/Benefits Management; Stan Hamilton, member Pension Board. Carr Hall Conference Room from 5-6:30pm. Call Lynne Abbott at 822-9149 to register.

Friday, March 5

Management Information Systems Seminar

Icons And Direct Manipulation (II). Kai Lim, MIS PhD student. Angus Penthouse from 1-2:30pm. Call 822-9552.

Chemical Engineering Seminar

Surimi Viscous And Thermal Properties And Product Development. Moez Bouraoui, grad student, ChemEngineering. ChemEngineering 206 at 3:30pm. Call 822-3238.

Monday, March 8

Mechanical Engineering Seminar

Knowledge-Based Hierarchical Control For Process Automation. Nalin Wickramarachchi, PhD student. Civil/Mechanical Engineering 1202 from 3:30-4:30pm. Refreshments. Call 822-6200/4350.

Astronomy Seminar

The Dynamics Of Galactic Nuclei. Man Hoi Lee, Canadian Institute of Theoretical Astrophysics. Geophysics/

Astronomy 260 at 4pm. Coffee at 3:30pm. Call 822-2696/2267.

Tuesday, March 9

Pharmacology/Therapeutics Seminar

Age-Dependent Receptor Regulation: Stimulus Or Agonist-Ind Effects And Roles Of Ions And Phosphorylating Enzymes. Dr. Chris Shaw, Anatomy. University Hospital G279 from 12-1pm. Call 822-6980.

Pharmaceutical Sciences Seminar

Fluorine-Substituted Compounds As Mechanistic Probes In Drug Metabolism. Mr. Wei Tang, grad student, Pharmaceutical Chemistry, Family/Nutritional Sciences 60 at 12:30pm. Call 822-2061.

Botany Seminar

The Relationship Between Environment And Vegetative Morphology Of Iridaea Splendens And Iridaea Lineare (Rhodophyta). Frank Shaughnessy, PhD candidate, Botany. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

Faculty Development Seminar

Teaching Students With Disabilities. Jennifer Leigh Hill, Education. UVic. SUB 205 from 2-4:30pm. Call Lynne Abbott at 822-9149 to register.

Oceanography Seminar

The Sedimentology Of Coastal

Upwelling Systems: The Geological Record Of Biological Events. Kurt Grimm, Geology. BioSciences 1465 at 3:30pm. Call 822-2828.

Occupational Hygiene Programme Seminar

Environmental Risk Evaluation Of Mining Leachate. Diane Lister, grad student, Mining/Mineral Process Engineering. University Hospital G226 at 4pm. Call 822-9595.

Wednesday, March 10

Centre For Southeast Asian Research Seminar

Shadows Beneath The Wind: Singapore, World City And Region. Scott MacLeod, PhD candidate, Geography. Asian Centre 604 at 12:30pm. Call 822-4688/3814.

Faculty Association Seminar

Securing Your Financial Future. Jim Rogers, The Rogers Group, Financial Advisors/Benefit Consultants. Hennings 201 from 12:30-1:20pm. Call Lynne Abbott at 822-9149.

Microbiology Seminar

T Cell Tolerance. Dr. Hung-Sia Teh, Microbiology. Wesbrook 201 from 12:30-1:30pm. Call 822-3308.

Pharmaceutical Sciences Seminar

Myth-Romycins: The Role Of The New Macrolide Antibiotics. Ms. Linda Sulz, Clinical Pharmacy, Pharmaceutical Sciences. Family/Nutritional Sciences 320 at 4:30pm. Call 669-6500 pager 421.

Colloquia

Monday, March 1

Counselling Psychology Colloquium

The Use Of Hypnosis In Counselling And Psychotherapy With Clients Of Abuse And Trauma. Dr. Du-Fay Der. Counselling Psychology 102 from 12-1pm. Call 822-5259.

Applied Mathematics Colloquium

Analytical And Quasi-Analytical Solutions For Evaporation From Bare Soil. Dr. Michael Novak, Soil Science. Mathematics 203 at 3:45pm. Call 822-4584.

Wednesday, March 3

Geography Colloquium

Carl Sauer And The Crisis Of Representation. George Lovell, Geography. Queens U. Geography 201 from 3:30-5pm. Refreshments at 3:25pm. Call 822-5612.

Thursday, March 4

Psychology Colloquium

Attention As Distributed Neural Systems In Higher Brain Function. Dr. Michael Posner, U. of Oregon. Chemistry 200 at 12:30pm. Call 822-3005.

Physics Colloquium

Origins Of Order, Self-Organization, Selection And Evolution. Stuart Kauffman, U. of Pennsylvania/Santa Fe Institute.

Thursday, March 11

Whole Earth Seminar

Fluid Migration In Subduction Zones: Inferences From High-Pressure Metamorphic Rocks. Dr. Jane Silverstone, U. of Colorado. GeoSciences 330A at 12:30pm. Refreshments/discussion following. Call 822-9258.

Faculty Association Seminar

Financial And Lifestyle Issues: Part 1: Tax-Effective Retirement Planning/Part 2: Focus On A Successful Retirement. Bonny Campbell, Michael Louie, Gail Riddell. Carr Hall Conference Room from 5-6:30pm. Call Lynne Abbott at 822-9149 to register.

Friday, March 12

Management Information Systems Seminar

An Experimental Study Of The Determinants And Impact Of The Use Of Explanations Provided By A Knowledge-Based System. J. Dhaliwal, U. of Alberta. Angus Penthouse from 1-2:30pm. Call 822-9552.

Chemical Engineering Seminar

Human Microvascular Exchange Following Thermal Injury. Regina Ampratwum, grad student, ChemEngineering. ChemEngineering 206 at 3:30pm. Call 822-3238.

Hennings 201 at 4pm. Call 822-3853.

Friday, March 5

International Relations Luncheon Colloquium

Demystifying The 1978 Bonn Accord: Japanese Macroeconomic Diplomacy 1977-78. Tsuyoshi Kawasaki. Buchanan Penthouse from 12:30-2pm. Call 822-6875.

Wednesday, March 10

Geography Colloquium

Snow Avalanche Forecasting: An Expert System Approach. Dave McClung, Geography. Geography 201 from 3:30-5pm. Refreshments at 3:25pm. Call 822-5612.

Applied Mathematics Colloquium

On Seeing Robots. Prof. Alan Mackworth, Computer Science.

Mathematics 203 at 3:45pm. Call 822-4584.

Thursday, March 11

International Relations Luncheon Colloquium

The Future Of The European Emphasis In Canadian Defence Policy. Allen Sens. Buchanan Penthouse from 12:30-2pm. Call 822-6875.

Psychology Colloquium

The Consequences Of Introspection: Disruptive Effects Of Thinking About Why We Feel The Way We Do. Dr. Timothy Wilson, U. of Virginia. Kenny 2510 at 4pm. Call 822-3005.

Physics Colloquium

Graphical Techniques For Causal Modelling. Judea Pearl, UCLA. Hennings 201 at 4pm. Call 822-3853.

UBC REPORTS

CALENDAR DEADLINES

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

Deadline for the March 11 issue of UBC Reports — which covers the period March 14 to March 27 — is noon, March 2.

Calendar

February 28 through March 13

Lectures

Tuesday, March 2

Centre For Research In Women's Studies Lecture
The Social Construction Of The Gendered Body: Exercise And The Exercise Of Power. Dr. Patricia Vertinsky, associate dean, Education. Family/Nutritional Sciences 50 at 12:30pm. Call 822-9171.

Lectures In Modern Chemistry
Design, Synthesis & Chemistry Of Reactive Transition Metal Silicon Bonds. Dr. T. Don Tilley, Chemistry, U. of California, San Diego. Chemistry South Block B250 at 1pm. Refreshments at 12:50pm. Call 822-3266.

Public Lecture
History Of Forests And Biodiversity-Focus On Asia. Dr. Jeffrey McNeely, chief conservation officer, World Conservation Union, Glano, Switzerland. MacMillan 166 at 4:30pm. Call 822-6316.

Friday, March 5

Obstetrics/Gynaecology Grand Rounds
Anti-Progestins (RU486) - Potential Applications. Dr. Dorothy Shaw. University Hospital Shaughnessy Site D308 at 8am. Call 875-4261.

Paediatrics Grand Rounds
Paediatric Brachial Plexus Injuries. Dr. John R. Kestle, MD, MSc, FRCSC, Paediatric Neurosurgeon. G.F. Strong Auditorium at 8:30am. Call 875-2118.

Distinguished Medical Research Lecture
An Architecture For Neural Plasticity In The Developing Visual Cortex. Dr. Max S. Cynader, professor, director of research, Ophthalmology. IRC #6 from 12:30-1:30pm. Call 822-8633.

Economics Lecture Series
WW2: The Transition In Eastern Europe. David M. Newberg.

Buchanan A100 from 12:30-1:30pm. Call 822-4129/2313.

Saturday, March 6

Vancouver Institute Saturday Night Lecture
Leon And Thea Koerner Lecture. Images of Mind: Pictorial Review Of Brain Changes During Thought. Prof. Michael Posner, director, Institute of Cognitive/Decision Sciences, U. of Oregon. IRC #2 at 8:15pm. Call 822-3131.

Tuesday, March 9

Lectures In Modern Chemistry
Multidimensional Mass Spectrometry: Gas-Phase Organic & Physical Chemistry. Dr. R. Graham Cooks, Henry Bohn Hass, distinguished professor, Chemistry, Purdue U., West Lafayette, Indiana. Chemistry South Block B250 at 1pm. Refreshments at 12:50pm. Call 822-3266.

Wednesday, March 10

Orthopaedics Grand Rounds
Case Presentations. Hand service. Eye Care Centre Auditorium at 7am. Call 875-4646.

President's History Lecture
Coming To Terms With The Past: The Legacy Of National Socialism. Prof. Adolf Birke, director, German Historical Institute, London. Buchanan B314 at 12:30pm. Call 822-5178.

Classics Illustrated Lecture
The Sanctuary Of Demeter And Kore/Persephone In Cyrene, Libya. Prof. Susan Kane, Oberlin College. Museum of Anthropology Lecture Theatre at 8pm. Refreshments following. Call 822-2889.

Thursday, March 11

CICSR Distinguished Lecture Series
Software Safety. Dr. Nancy Leveson. Information/Computer

Science, U. of Washington. IRC #6 from 4-5:30pm. Call 822-6894.

Friday, March 12

Obstetrics/Gynaecology Grand Rounds
Rounds cancelled - resident ski day. Call 875-4261.

Paediatrics Grand Rounds
Chronic Cough In Infants And Children. Dr. Lauren Holinger, professor, Otolaryngology, Children's Memorial Hospital. G.F. Strong Auditorium at 9am. Call 875-2118.

Saturday, March 13

Vancouver Institute Saturday Night Lecture
Poetry And Psychobiography. Ms. Phyllis Webb, OC, poet/educator/broadcaster. Salt Spring Island. IRC #2 at 8:15pm. Call 822-3131.

Wednesday, March 3

Orthopaedics Grand Rounds
Report From The American Academy Of Orthopaedic Surgeons. Eye Care Centre Auditorium at 7am. Call 875-4646.

Centre For Southeast Asian Research Lecture
Literature From Indonesia. Dr. Henk Maier, U. of Leiden. Asian Centre 604 at 12:30pm. Call 822-3814/4688.

French Lecture
Ecriture De L'histoire Et Fiction Historique. Suzette Bahar. Buchanan Tower 799 at 2:30pm. Call 822-4025.

Miscellany

Tuesday, March 2

Faculty Women's Club Meeting
Vancouver's Voyages: Charting The Northwest Coast. Dr. Robin Fisher, History, SFU. Husbands/Guests welcome. Cecil Green House at 7:30pm. Call 222-1983.

Wednesday, March 3

Wednesdays At Lunchtime
UBC Computer Games Day. Computer games competition. Limited entries. Prizes/refreshments. Bookstore from 12:30-1:30pm. Call 822-2665.

Thursday, March 4

Students For Forestry Awareness Speaker Series
Seeing The Forest Among The Trees. Herb Hammond, RPF, consulting forester. MacMillan 166 from 12:30-1:30pm. Call 222-1882.

Panel Discussion
Bernanos, Poulenc And The Dialogues Of The Carmelites. Susan Bennett, Vancouver Opera; Andrew Busza, English, Floyd St. Clair, French. Dorothy Somerset Studio from 12:30-1:30pm. Call 822-4060.

Video Recording Replay

Teaching With Technology. Apple Education TV Series. Media Services TeleCentre from 3:30-4:30pm. Call 822-5036.

Tuesday, March 9

Lunchtime Symposium
Assisted Suicide - Should It Be Legalized? Dr. Alistair Brown, Langara College. Law Theatre 101 from 12:30-1:30pm. Refreshments. Call 822-5684.

MOA Stories And Traditions
Vi Hilbert, Lushootseed elder, Upper Skagit, tells stories/talks about how the oral histories of her community remain alive and dynamic. Museum of Anthropology Great Hall at

7:30pm. Call 822-5087.

Thursday, March 11

Satellite Video Recording Replay
Innovations In Technology: How Computers Are Changing The Way We Learn. Media Services TeleCentre from 9:30-11:30am. Call 822-5036.

Saturday, March 13

Conference
The State Of Contemporary Art Criticism In France. Lasserre 102 from 10am-5pm. Admission \$10. All talks in English. Call 822-5650.

Thursday, March 4

Psychiatry Academic Lecture
Neurochemical And Pathophysiological Basis In The Treatment Of Schizophrenia. Dr. Larry Ereschetsky, professor, Pharmacology/Psychiatry, U. of Texas. Health Sciences Center, San Antonio. University Hospital 2NAB from 9-10am. Call 822-7329.

Leon/Thea Koerner Psychology Lecture
Attention As Distributed Neural Systems In Higher Brain Function. Prof. Michael Posner, director, Institute of Cognitive/Decision Sciences, U. of Oregon. Chemistry 200 at 12:30pm. Call 822-6771.

Economics Lecture Series
WWI: The Privatisation Of The English Electricity Industry. David M. Newberg. Buchanan A106 from 12:30-2:30pm. Call 822-4129/2313.

Public Lecture
New Approaches To Protected Area Management. Dr. Jeffrey McNeely, chief conservation officer, World Conservation Union, Glano, Switzerland. MacMillan 166 at 1:30pm. Call 822-6316.

Notices

Cutting Edge Gem Show
Spectacular gems, including Ponderosa Queen, plus guest lectures. M.Y. Williams Geological Museum March 5-7 from 9am-5pm. Bring your specimens to a free identification clinic (no appraisals), Mar. 7 from 12-4pm. Call 822-5586.

Theatre Performance
Dombey And Son. Charles Dickens, Errol Durbach, John Wright. Frederic Wood Theatre from March 10-20 at 8pm. Adults \$10, Students/Seniors \$7. Wednesday previews 2 for \$10. Call 822-2678.

Women Students' Office
Taking registration for career planning, assertiveness, self-esteem, making peace with food, bicultural women/mature women students support. Advocacy/personal counselling services available. Call 822-2415.

Reading/Writing/Study Skills Centre
Develop your writing skills for interest and possibly profit. Travel Writing/The Artful Business of Freelance Writing start in March. Call 222-5245.

Connected Earth Symposium
A Symposium on earth sciences and the future of humanity. March

5 at 7:30pm, reception following. March 6 from 9am-5pm. Call 822-8684 to confirm attendance for evening session.

Between Disciplines Symposium
Keynote Address March 5 at 7:30pm. Lecture March 6 at 9am followed by workshops and panel discussions. Asian Centre. Registration required for workshops. Call 822-9121.

Language/Literature Conference
Keynote Address March 8 at 7pm. Conference March 9-10 from 8:45am-6:00pm. Graduate Student Centre Patio Room. Registration fee \$5 or \$1/event. Call 822-5122.

Spanish Immersion Program
Program will be held in Cuernavaca, Mexico from Mar. 1-19. Call Language Programs/Services at 222-5227.

Executive Programmes
Business Seminars. March 1-15: Assertiveness for Managers, \$550; Cutting Edge of Leadership, \$995; Essential Management Skills, \$1,375; Financial Statement Analysis, \$595; How to Write Effective Financial/Technical Reports, \$395. Call 822-8400.

Pet Loss Support Group
Four week support group begins March 3. Counselling Psychology 102 Wednesdays from 7-8:30pm. Call Deborah at 822-5259 to register.

Self-Concept/Body Image Study
Seeking women volunteers ages 35-65 who either have not had any surgery on their breasts or had undergone surgery for breast cancer 2-5 years ago, without recurrence or further surgery on

their breasts. Participation involves a questionnaire about body image/self-concept which takes about 15 minutes to complete. Call 224-0313.

Sexual Response Study
Psychology department requires sexually functional/dysfunctional women to participate in research on sexual arousal. Honorarium. Call 822-2998 Monday-Thursday from 4-6pm.

Music

Wednesday, March 3

Wednesday Noon Hour Concert Series
Gerald Stanick, viola; Eric Wilson, violoncello. Music Recital Hall at 12:30pm. Admission \$2. Call 822-5574.

Thursday, March 4

Music Concert
UBC Chinese Ensemble. Asian Centre at 12:30pm. Call 822-3113.

Sunday, March 7

Sunday Afternoon Concert Series
Bambaya. Music/song from

northern Ghana. Museum of Anthropology Great Hall at 2:30pm. Free with museum admission. Call 822-5087.

Wednesday, March 10

Wednesday Noon Hour Concert Series
Hugh Fraser Jazz Quintet. Music Recital Hall at 12:30pm. Admission \$2. Call 822-5574.

Thursday, March 11

Wallace Berry Memorial Concert
Distinguished guest artists. Music Recital Hall at 8pm. Call 822-5574.

Around and About

by Ron Burke

Getting oriented to UBC

When Bonnie Milne started her new job at UBC seven years ago, she was thrilled about joining a prestigious institution. She admits she found the university's orientation session less than rousing, though.

"I was so disappointed when I basically just filled out insurance and benefit forms with other new people," she says.

Now, as co-ordinator of Human Resources' Staff Orientation Program, Milne is part of a team updating the way new employees are welcomed to campus.

The idea is to give staff a warmer reception, plus an understanding of the university's structure, goals and role in the community in order to help them provide better service to the on- and off-campus clients they deal with.

"Research shows that orientation is sort of a microcosm of the organization," she says.

"That first impression is so important — it really sets

the tone. There's a positive correlation between the orientation process and employees' satisfaction with the organization."

UBC's new orientation program — which is also open to current staff — has been running since December and Milne is pleased with what she sees.

"UBC was unusual for an organization of its size in not having a proper orientation program," she says. "On the other hand, it's very common for universities not to have that kind of program. We're near the head of the pack, so to speak, in having one now."

The orientation program grew from the Staff Development Plan of 1991. In developing the plan, about 50 focus groups were conducted with UBC staff. A common remark was that employees felt isolated in

their departments, and not bonded or familiar with the rest of campus. A more comprehensive orientation program was seen as a way to address this.

"We've had great support and co-operation from all over campus in putting together the program," says Milne. "We want to educate new employees about UBC's goals and purpose so that they can see where they fit in and take pride in that."

A three-hour session for new employees

is held at Cecil Green Park on the third Thursday of every month. A senior member of the administration, usually a vice-president, welcomes staff and speaks about the university's mission and role in the community. Speakers from other areas, ranging from Employment Equity to Continuing Studies, describe their unit's functions and relationship with the rest of campus.

"We want to educate new employees about UBC's goals and purpose so that they can see where they fit in and take pride in that."

-Bonnie Milne

There is also a slide show describing UBC's geography, history and culture. This conveys some of the spirit of campus and helps demystify campus terms such as Gate Six, Second to None and Great Trek.

Staff may also sign up for guided tours, offered by the Community Relations Office, to help them get their bearings and learn more about campus facilities, history and development.

Ironically, now that Milne has helped enhance UBC's orientation program for new employees, she is leaving the university to become a consultant.

"Maybe this is my legacy," she jokes.

For further information about the orientation program, call Maura Da Cruz in Human Resources at 822-9644.

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 March 11, 1993 issue of UBC Reports is noon, March 2.

Accommodation

FOR RENT Fully furnished, one-bedroom, main floor of Kitsilano house, eight appliances, fireplace, utilities, cable and parking included. Available May through December, minimum contract 6 months. \$900/month. No pets, references. 734-1567.

Miscellaneous

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

EDITORIAL SERVICES Substantive editing, copy editing, rewriting, dissertations, reports, books. I would be delighted to look at your manuscript, show you how I could improve it, and tell you what I would charge. Please call me for more information. Timothy King, 263-6058.



A New Spirit
of Giving

Friends of Chamber Music presents the

Alexander Quartet and Roger Cole, oboe

performing: **Barber**, String Quartet, Opus 11;
Mozart, Oboe Quartet, K. 370; **Bax**, Oboe Quintet &
Mendelssohn, String Quartet, Opus 44/2.

Tuesday, March 9, 1993, 8:00 PM.
at the Vancouver Playhouse.

Tickets: \$22 (students \$11)
from the Vancouver Ticket Centre (280-4444) or at the door.

Programme subject to change.

The UBC Conference Centre Comfortable and Affordable



Walter Gage Court has 48 guest suites, ideal for families or extra guests. Each unit contains a bedroom with twin beds, living room with a hide-a-bed, kitchenette, television and private bathroom. Enjoy UBC's many attractions just minutes from downtown Vancouver and the airport.

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President and Co-Founder, Group of 100 Artists
for the Environment, Mexico

Poet, Novelist, Activist, Diplomat

1492: THE LIFE AND TIMES OF JUAN CABEZON OF
CASTILE

The History of an Historical Novel
(The Vancouver Institute)

Saturday, February 27 at 8:15 p.m.

Woodward Instructional Resources Centre, Hall 2

EARTH, AIR, FIRE AND WATER: Surviving in Mexico
City

Monday, March 1 at 12:30 p.m.
Angus Building, Room 104

A READING OF POETRY AND PROSE
(in Spanish and English)

Tuesday, March 2 at 12:30 p.m.
Buchanan Penthouse

BIRDS AND BUTTERFLIES: The Making of an
Environmentalist

Wednesday, March 3 at 3:30 p.m.
Buchanan Building, Room B-214

People

by staff writers

William (Bud) Phillips is the new principal of the Vancouver School of Theology (VST).

Phillips has been a faculty member at VST since 1977, specializing in continuing education for lay and ordained participants.

An experienced radio broadcaster, he has also produced a series of educational religious programs on Knowledge Network Television. As an ordained clergyman he has served congregations in Alberta, Ontario, Saskatchewan and Massachusetts.

The VST is an ecumenical institution affiliated with UBC which prepares students through degree programs for lay and ordained ministry in the Christian church.



Phillips

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Three UBC staff members have been elected to serve on the board of directors of the university's staff pension plan, effective Jan. 1.

Brian Evans, an electronic services manager at TRIUMF and George McLaughlin, an electrician with Plant Operations, have been elected to two-year terms.

Sara Vargis, a library assistant in Woodward Library will serve a one-year term.

The board, which comprises four elected members and four appointed members, is chaired by Jon Nightingale, who was elected to a two-year term in January, 1992.

The directors administer the staff pension plan for more than 3,000 members.

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Hodgins

Bruce Hodgins, project manager and research engineer with the Dept. of Mechanical Engineering, has been elected 1992/93 chair of the B.C. section of the Society of Automotive Engineers.

The SAE is an international organization that coordinates quality and safety standards for manufacturers of land, sea, air and space vehicles.

The main objective of the B.C. section is to meet the technical needs of its members by organizing technical meetings, educational seminars and tours of manufacturing and research facilities.

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Three members of UBC's Electrical Engineering Dept. have won special New Faculty Awards of \$10,000 from the B.C. Advanced Systems Institute.

The awards, presented this year for the first time, go to researchers of outstanding calibre who are relatively new to their fields.

The award winners are Hussein Alnuweiri, Samir Kallel and Matthew Palmer, all assistant professors in the department.

The B.C. Advanced Systems Institute is a non-profit society dedicated to creating a strong high-technology industry in B.C. through support for research and development.

AMS, university unite to improve job services

by Gavin Wilson

Staff writer

The university and the Alma Mater Society have joined forces to help UBC students find work.

The AMS's Job Link program, which traditionally focused on summer jobs, and UBC's Placement Services, which concentrated on permanent and part-time jobs, will co-ordinate their efforts in a move which should result in better service to students and potential employers.

Discussions are underway on how this association will take place. But already, Job Link co-ordinator James Pflanz has a desk in the Placement Services office in Brock Hall. And Placement Services is posting summer jobs, which they will continue to do until Job Link opens its office in the Student Union Building around the end of term.

"Now students won't have to go to two or three different places when they apply for work, and employers won't have to call all over campus," said Placement Services Manager Evelyn Buriak.

Both Buriak and Pflanz believe that by making the university more approachable and attractive to employers, more jobs are likely to be offered to UBC students.

"Our hope is that we can offer employers such quick and efficient service they'll soon prefer to come to UBC," Pflanz said.

"The result could be more jobs for students here."

Pflanz said the AMS has designated a new, expanded role for Job Link, including assisting in part-time job promotions and playing an educational role.

For example, Job Link is co-sponsoring a lecture on summer job-hunting strategies with the Student Counselling and Resources Centre. The lecture will be held March 9 at 12:30 p.m. in the SUB Theatre.

Job Link is also operating year-round now, in co-operation with Placement Services, and will be involved in finding students part-time jobs throughout the year.

"The AMS has demonstrated a commitment to student employment as a tool for students to put themselves through university," Buriak said.

UBC's Placement Services office was opened last August to fill the void left after the federal government closed its campus Canada Employment Centre in 1991.

Buriak said employment services for students are becoming more important as increasing numbers of students take part-time jobs to support themselves during the school year.

"The greater the gap between the maximum student loan available and the real cost of going to school, the more students are turning to part-time work," she said.



Abe Heffer photo

Anne Barnes is back in the pool after shaking off the flu bug, preparing for national championships this weekend in Saint John, New Brunswick.

Barnes back in the swim with fresh perspective

by Abe Heffer

Staff writer

There was a time when Anne Barnes thought she would never competitively set foot in a swimming pool again.

Now, with a long-term goal of competing at the 1994 Commonwealth Games in her home town of Victoria, the 22-year-old French major is swimming with renewed vigor after almost abandoning the sport entirely.

"I brought a lot of bad memories with me when I arrived here from the University of Calgary in 1991," Barnes reflected.

"It wasn't anything that anybody had done. Competing had become a struggle for me and I was going nowhere in terms of performance."

Barnes was so discouraged that she informed swim coach Tom Johnson, after her first week of practice at UBC, that she wasn't going to swim competitively any more.

What happened after that literally changed her life.

"When I informed Tom of my decision, he asked me what it would take to keep me swimming. I told him that I needed a certain amount of freedom within the team to do what I wanted to do.

"A coach needs a routine for his swimmers and I was going against the system. Fortunately, Tom has been very flexible and very tolerant. He has instilled a sense of challenge within myself and has given me the freedom to make choices for myself."

With Johnson's respect in tow, Barnes went out and captured two gold medals at the CIAU championships in Montreal last year in her specialty, the backstroke.

The third-year student, who is the current CIAU record holder in the 100-metre backstroke with a time of 1:02.68, now has her sights set on the national championships Feb. 26-28 in Saint John,

New Brunswick, and the CIAU championships in Toronto March 5-7.

The top two swimmers in each event will earn a spot on the Canadian team at the World Student Games in Buffalo this July. Her personal best short-course times are 1:02.51 over 100 metres and 2:14.89 over 200 metres.

Recently, Barnes' biggest battle has been against a nasty flu bug, which forced her to cut back on practice. Still, she feels the rest might do her some good, and is hopeful of qualifying for the World Student Games for the second time.

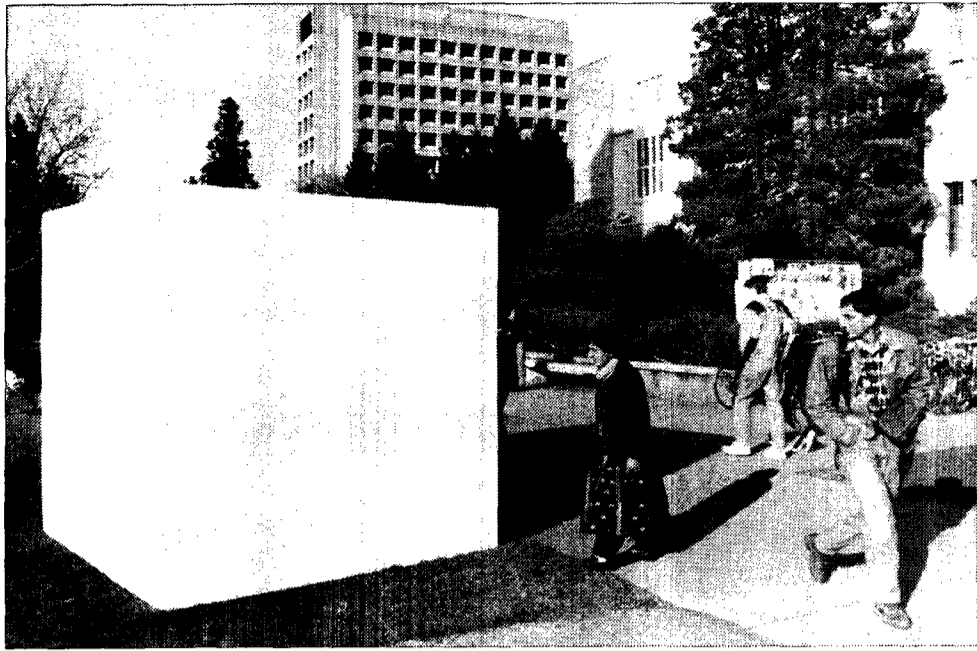
Her international experience includes a trip to the World Student Games in England in 1991 and the 1990 Commonwealth Games in Auckland. She missed out on qualifying for the 1988 Summer Olympics in Seoul by only one-tenth of a second, "a real shame," and slipped during the trials for the 1992 Summer Olympics in Barcelona, "a real disappointment."

However, the Olympics aren't what Anne Barnes is all about, any more. Her priorities have changed and her education has moved more to the forefront.

"A swimmer at age 22 is no youngster anymore. My focus has shifted somewhat. What's important now in swimming is to give it my best shot and enjoy the moment for what it is. Having said that, I still feel I'm a force to be reckoned with in the pool."

As for qualifying for the Commonwealth Games in 1994, competing in front of a hometown crowd would be a nice way to close out her swimming career. However, she realizes that there are no guarantees and plans to take things one year at a time.

"What I do know is, if not for coach Johnson and the swimming program here, my teammates, and UBC, I probably would not be swimming today. UBC has put my life into perspective."



Gavin Wilson photo

But is it Art?

What is it? asked curious passers-by when confronted with this huge white cube outside the Main Library. Adding to the mystery was the sound of voices emanating from inside. A collaborative work by fourth-year Bachelor of Fine Arts students, this outdoor installation was part of the first annual UBC ArtsFest, a four-day series of plays, concerts readings, films and exhibitions sponsored by creative and performing arts departments within the Faculty of Arts.

News Digest

UBC and the Alma Mater Society (AMS) have reached an agreement regarding operation of the Aquatic Centre, expansion of the Student Union Building (SUB) and other matters.

Under terms of the agreement, UBC will assume management of the Aquatic Centre and will consider, for approval, plans from the AMS to expand the north side of SUB for non-commercial activities.

In addition, the university will continue to pay for the operating expenses of the existing areas of SUB occupied by the AMS, regardless of whether or not such areas include commercial operations.

The AMS will undertake to contribute annually (throughout the term of its existing SUB lease) a sum equal to the university's operating costs of the society's commercial operations in the Student Union Building.

Contributions will be earmarked for the AMS Innovative Projects Fund.

The agreement was accepted unanimously by the AMS council on Jan. 27.

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In an international comparison of stadiums with seating capacities of 40,000 or less, UBC's Thunderbird Stadium was ranked fourth in gross receipts by Amusement Business, the industry news weekly, in 1992.

Two sold-out summer concerts attracting 57,233 people grossed more than \$1 million in ticket sales. Stadiums in Ireland and Spain, as well as Olympic Stadium in Calgary, exceeded the gross sales record set for Thunderbird Stadium.

While ranked fourth internationally, Thunderbird Stadium was ranked number one among North American university stadiums.

"The results of the summer concert schedule were very encouraging," said Michael Kelly, director of Athletic and Sports Facilities. "The stadium ranking is really a bit of a bonus."

Where does the money from gate receipts go?

"The money goes largely to support ongoing operating costs of all athletics facilities on campus, not just the stadium," said Kelly.

"In addition, about \$10,000 from the proceeds of last year's concerts is being made available to the Alumni Association."

Deborah Apps, executive director of the Alumni Association, says the \$10,000 has been earmarked for use by the Dept. of Athletics and Sport Services.

The university is currently looking at concert date requests from promoters for 1993.

"We had some success in noise control last year and we would clearly try to duplicate that success in 1993," said Kelly. "In addition, some steps would probably have to be taken to enhance field protection."

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Going my way?

If you would like to "vanpool" to UBC, there are still spaces available on the six routes operating to and from campus.

There are a dozen vans currently serving Tsawwassen, Surrey/North Delta, Richmond, White Rock, Coquitlam and Ladner.

Vans are expected to begin operating to Burnaby, North Vancouver, Clearbrook and Ladner this month.

For departure and arrival times, please call Karen Halex at 822-4517, Tuesdays and Thursdays.

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More than 8,000 scholars in the humanities and social sciences from every province will converge on Carleton University May 30 to June 13 for the 1993 Learned Societies Conference.

The exchange of scholarship, research and ideas, presented in thousands of research papers, will also include participants from the United States and several other countries. The largest attendance on any given day of the conference, last held at Carleton in 1967, is expected to be around 2,700.

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Guard Lisa Nickle of the Thunderbirds set a new single-game UBC point-scoring record in women's basketball Feb. 12 against the Saskatchewan Huskies.

The 21-year-old Abbotsford native hit for 39 points in a 90-61 drubbing of the Huskies.

The previous record of 37 points was set by Carol Turney in 1975.

The T-Birds have clinched a spot in the Canada West University Athletic Association playoffs to be held March 5-7 in Victoria.

Forum

Interdisciplinarity: An Intellectual Transformation

by Patricia Marchak

Patricia Marchak is Dean of the Faculty of Arts. This article is drawn from remarks she gave to department heads at a recent retreat. The faculties of Arts, Science, Graduate Studies, Applied Science, Commerce and Business Administration and the Office of the Vice-President, Research are sponsoring a symposium on interdisciplinarity at the Asian Centre March 5-6.

There is a tendency to acknowledge that our world - the larger world beyond the university - is in grave difficulty; and to then proceed with everything as if that information were of no immediate concern.

The grave difficulties beyond our gates include ecological crises, overpopulation, starvation and famine, serious inequalities in the distribution of wealth and health, ethnic and other conflicts, and whole regions of the world where anarchy or near-anarchy now prevail. In our own country unemployment levels are high, and the gap between the rich and the poor has increased over the past decade.

Democracy, if worth defending, needs eloquent partisans in such a world; and simple everyday business in the global economy requires a broad education. These are the realities of a world our students inhabit: are we doing enough to prepare them to contribute to positive changes or even to cope well in that world?

Our present curriculum has some courses that address such issues. But many students are taking majors and honours courses where they learn one discipline's view of these matters at best; or where they are socialized entirely in the particular theories and methods of one discipline. Some majors and honours programs are so demanding that students learn little beyond the discipline in their entire undergraduate career.

How do we contribute to the development of citizens as well as employees? In short, how do we broaden and deepen their understanding of the world?

The Faculty of Science has recently undertaken a substantial review and curriculum change. After a lengthy process of deliberation, faculty members agreed to reduce the requirements for majors, encourage Science students to take more liberal arts courses, improve access to Science courses for Arts students, and create a Science One program.

Now it is up to us to encourage our students to learn more about Science. The two solitudes must be broken down for a generation of students that cannot afford to be ignorant of either approach. The environmental studies program that joins the two faculties is a modest beginning in this direction.

Arts One has been a successful program because it has challenged good young minds to struggle with big ideas through a literature - whether the great books approach or a more diverse and multi-faceted approach - that is demanding. This literature includes choice selections of philosophy, anthropology,

classics, English literature and other literatures in translation.

In a quarter century, only a handful of other interdisciplinary programs has survived. These include comparative literature for graduate students, international relations, medieval studies, and ethnic studies. Women's studies is new and Canadian studies is emerging.

But there has been no channeling of resources toward these programs. The difficulty of seconding faculty and organizing the curriculum each year, the lack of incentives and rewards for teachers, the comparative ease and richness of rewards for restricting one's activities to one's own discipline, and the human tendency to fence in the territory against intrusions or escapes are all probable causes.

It is time to change.

We can change the reward and incentive system to fit new interdisciplinary developments. The present tenure and promotion system can be adapted. We can reward teachers who contribute to these, and we can induce departments to release them. We can decide that future appointments will be given priority where they satisfy the teaching needs of more than one department and where at least two departments are involved in the recruitment process. We can channel our supplies and expenses budgets, and our support staff budgets and library funds toward ends that benefit two or more departments.

I do not mean to imply that existing disciplines should be dismissed. Obviously there is great, true, and vital work going on in many departments. What was once interdisciplinary in any field may now be mainstream to a particular discipline; and interdisciplinary programs today may turn into disciplines in the future.

The objective is to protect the best of the existing structure, but to be also open to new ways of organizing the intellectual life.

We teach many skills in this faculty - the playing of musical instruments, acting, costume and stage design, studio arts, computer skills, survey design, counselling, map-making, econometrics, historiography, archival skills, and languages to name only a few. We need to ensure that they are transmitted - but our *raison d'être* is and must continue to be our capacity to engage in more philosophical debate about the great and the small topics of life, and more analytical undertakings.

All of the skills, vital as they are, can be otherwise transmitted; the unique role of the university is to deal with larger issues that transcend professional commitments, and to apply skills towards that end.

We must develop a curriculum that challenges us to address the immediate and urgent concerns of our time as well as the universal and ancient dilemmas. Our curriculum must provide for the optimum organization of our scarce resources to provide education, a genuine education, for the generations to come.