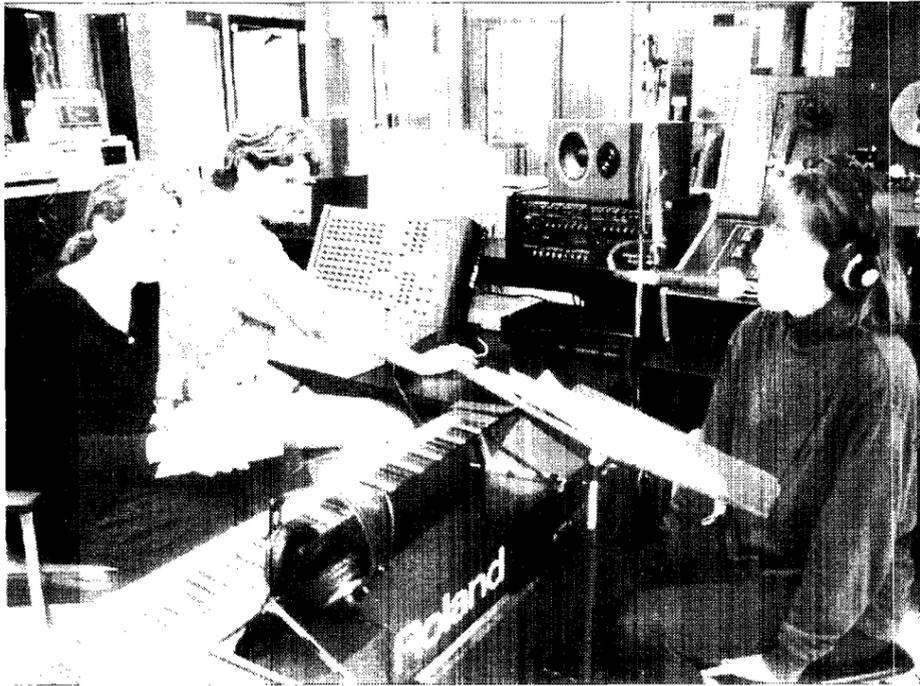


UBC REPORTS

Volume 41, Number 8

April 20, 1995



Charles Ker photo

In the Crane Library recording studio, students (l-r) Michele Turnure, Chris Scales and Linda Baird use the DIGIDESIGN computer system to produce a musical talking book for the Crane Library collection. New technology allows for production of high-quality talking books that include music and narration to enrich the listening experience. The Crane Library has 40,000 taped titles and 16,000 Braille textbooks.

New technology helps enhance talking books

by Charles Ker

Staff writer

It isn't Abbey Road yet, but the Crane Library recording studio has gone digital with its most ambitious project to date.

Since January, a team of six arts students have been working 10 hours a week to produce a talking edition of the introductory music text and anthology, *The Enjoyment of Music*.

Paul Thiele, head of the Crane Library, says blind or visually impaired people can usually study or enjoy music without compromise. But music textbooks often pose formidable barriers with their mix of text, musical scores and recommended listening from commercial recordings. A newly acquired digital recording system at the studio now allows all these elements to be recorded and edited with relative ease.

Students involved in the *Enjoyment of Music* project include: executive producer Michele Turnure, master's student in film production; narrator Evelyn de Castro, speech sciences and psychology major; singer-narrators Allison Stewart and Linda Baird, vocal performance majors in the School of Music; and keyboardist Frances Wong.

Chris Scales, a master's student in ethnomusicology studying music cultures from around the world, is chief recording engineer. Having worked on large sound boards for various bands during his undergraduate years, Scales appreciates being able to do the same work on a personal computer.

The DIGIDESIGN Session 8 system, jointly funded by the Teaching and Learning Enhancement Fund and Crane donations, is a combination of powerful hardware and software. It displays a soundboard on the screen while a mouse manipulates simulated dials. For Scales, the editing potential is limitless.

"It's much like cutting and pasting on

a word processor," he says. "Instead of using magnetic tape, this system creates a sound file directly inside the hard drive which can be moved, cut or altered without ever destroying the original take."

The system also makes it easier on the performers who simply plug into the computer and play, sing or talk. When complete, the project will include close to 30 hours of narration and singing combined with six hours of commercially recorded music. The data will then be mixed down onto digital audio tapes and later onto cassettes for general use.

Recording centre supervisor Clay Dixon says the digital machinery may eventually replace the studio's tape recording equipment but not for some time. One limitation is the amount of hardware space needed for music. For instance, use of all eight tracks on the DIGIDESIGN system would result in just 20 minutes of music.

But Dixon adds quickly that *The Enjoyment of Music* is the first of many projects which will combine narration and sounds aimed at making complex texts and leisure books more accessible to those needing alternatives to print.

"The new system allows for a better talking book," says Dixon. "The addition of music enriches the listening experience and allows those with little or no sight to get as much out of a text as those with full sight."

Throughout the year, about 120 Crane volunteers create between 300 and 400 talking books which are recorded onto reel-to-reel machines and converted into cassette form. A collection of 40,000 taped titles has been recorded in the library's studio located in the basement of Brock Hall. Seventy-five per cent of the tapes are made up of textbooks and support materials while the remaining 25 per cent is leisure reading.

Fifteen thousand Braille textbooks line the Crane Library stacks.

Guidelines help set greener standards

by Gavin Wilson

Staff writer

The provincial government has introduced a set of guidelines to promote high environmental standards in the design and operation of new and renovated buildings at B.C.'s post-secondary institutions.

The guidelines, to be unveiled at an official announcement April 21, drew heavily on the expertise of UBC Architecture Prof. Ray Cole who heads the school's Environmental Research Group and president of the Green Building Information Council. Cole was a member of the guideline committee and he and his group acted as consultants to the committee.

The guidelines, goals and strategies are directed at design teams working on new facilities. There are now more than 2.2 million square metres of post-secondary facilities in B.C., and that figure is expected to increase between 35 and 55 per cent by 2010.

"These are not rules or regulations, rather they are strategies that are available for people to use where they are appropriate," said Freda Pagani, associate director, Project Development, at Campus Planning and Development.

"Regulations can be very constraining, they don't encourage creativity, and creativity is something we didn't want to constrain," said Pagani, who was also a member of the guideline committee.

Copies of the guidelines are being distributed to every member of the Architecture Institute of B.C. and to every university and college in the province. They will also be published on the Internet.

The guidelines are divided into three categories: current standards, advanced standards that are on the leading-edge of current practice, and innovative guidelines that Pagani said "push the edges of what is normally done" and are rarely seen in North American design and construction.

"What is unique about this report is that all of these guidelines are pulled together into one place," she added.

Some of these innovative practices can be seen in construction of the C.K. Choi Building for the Institute of Asian Studies on West Mall. The Choi building was recently featured in *Progressive Architecture* magazine as one of the five buildings in North America that reflects the "maturing of green architecture."

See **GUIDELINES** Page 2



Freda Pagani

25-year club turns ... 25

The UBC 25-year club turns 25 this year.

In 1970, under the auspices of then President Walter Gage, the university created a club which would honour those non-faculty staff with 25 years of uninterrupted service at UBC.

Of the 15 charter members named in the April 8, 1971 issue of *UBC Reports* announcing the creation of the 25-year club, one member, Eleanor Hanna of the

Finance Dept., had begun working at UBC in 1926, making her a 45-year club member.

The first official UBC 25-year-club dinner was held on Nov. 24, 1971. On May 12, 33 new members will be inducted into the club at the annual dinner, bringing its membership to 408.

UBC Reports profiles four of this year's 25-year club inductees on pages 6



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Profile: For 15 years Mary Risebrough has helped put roofs over student heads



Gavin Wilson photo

Guidelines

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Among its environmental features are the use of low-energy heating and light sources, composting toilets and recycled construction materials including the beams from the old Armoury which once stood across the street.

Funded by the Ministry of Skills, Training and Labour, the guidelines were initiated by MLA Tom Perry when he was minister responsible for post-secondary education.

They were drafted by a committee representing post-secondary institutions and ministry staff.

The guidelines set out the following objectives for environmentally responsible building design and operation:

- show respect for the existing ecology of new building sites
- strive to reduce overall energy use and use sustainable energy sources wherever possible
- use land, material and water resources in the most efficient and effective manner
- ensure that indoor environments are healthy and comfortable for building users
- adopt a holistic, environmentally sustainable approach to development and operation

Some of the strategies suggested to meet these objectives include siting buildings and planting shade trees to warm the interior in the winter and cool it in summer, making use of daylight, turning down thermostats when buildings are unoccupied, avoiding use of overexploited tropical woods, using composting toilets, conserve water, using locally manufactured or recycled materials and installing carpet and flooring without adhesives.

"The document is a strong one, despite the rigours of the process," Pagani said. "The committee members brought many different points of view and it is a testimony to the work of all of them that this document is one we can all feel proud of."

Other UBC staff on the project committee were Chuck Rooney, director of Plant Operations; committee chair Tim Miner, director, Campus Planning and Development; and Elisa Campbell and Paul Kernan of the Environmental Research Group at the School of Architecture.

Science Fare

UBC once again hosted the Greater Vancouver Regional Science Fair. Held April 6-8, the fair featured 180 projects by 265 students from grades 6 to 12. Projects ranged from engineering and physics to biology, chemistry, math and computing. Shown here, Tom Chen, left, and Trevor Pugh, both Grade 8 students at the Point Grey mini-school, demonstrate the carbon dioxide laser they used in an experiment comparing the effects on muscle tissue of electro-cauterization and surgical lasers.

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Math students place in top 50 in contest

by Gavin Wilson

Staff writer

Take 2,314 of North America's brightest students, multiply by 409 universities and colleges, add 12 demanding mathematical problems, divide by two grueling three-hour exams, and what do you get?

The William Lowell Putnam Mathematical Competition, in which UBC students had perhaps their best showing ever, with three placing in the top 50.

David Savitt, a 17-year-old math student, came in 10th in North America — putting him among the top minds at schools such as Yale, Harvard and Princeton.

Savitt solved eight of the problems for a score of 77 out of a maximum of 120. If that doesn't sound too impressive, consider this: the median score was three.

"Most students who write the competition are not able to solve a single problem," said Rajiv Gupta, an associate professor in the Dept. of Mathematics who co-ordinates the efforts of UBC's entrants. "I'm very proud of David."

Savitt was more modest about his achievement in the competition, which is sponsored by the Mathematical Association of America.

"It was certainly a lot easier than last year's test — by a wide margin," he said.

The other UBC students in the top rank were Mark Van Raamsdonk and Robert Cheng.

Van Raamsdonk has finished in the top 50 each of the four years he has competed in the Putnam. Graduating this year with one of the highest grade point averages ever recorded at UBC, he has been accepted to graduate school at Princeton University to study theoretical physics.

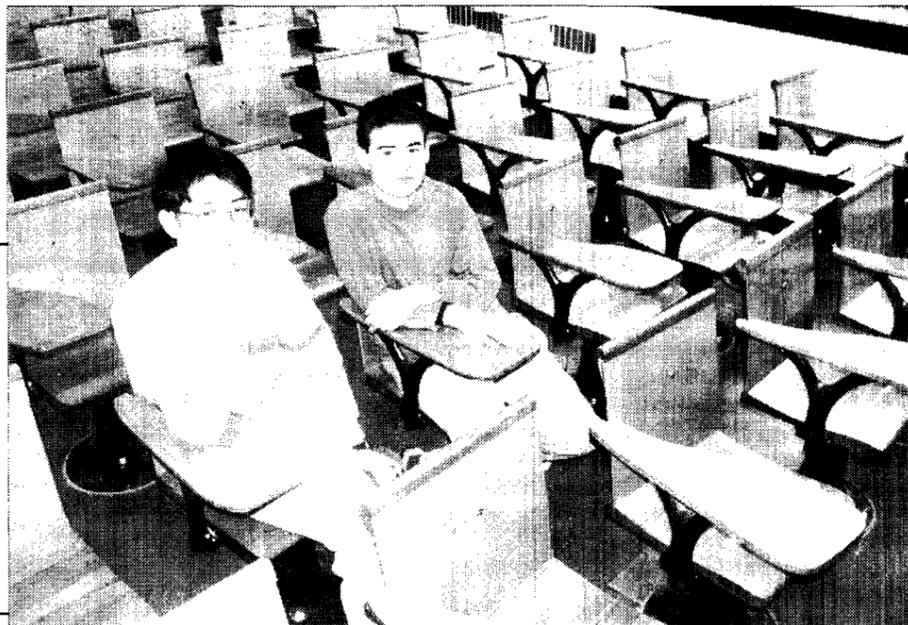
Cheng, who came to UBC from California, plans to study mathematics at graduate school after graduating from UBC this May.

Seven other UBC students also wrote the exam.

Savitt, the son of UBC Philosophy Prof. Steven Savitt, first enrolled at UBC at the age of 14. In last year's Putnam he ranked 12th in North America.

UBC Math students Robert Cheng, left, and David Savitt placed in the top 50 in the William Lowell Putnam Mathematical Competition. Savitt placed 10th in North America. A third UBC student, Mark Van Raamsdonk, has finished in the top 50 each of the four years he has competed in the Putnam.

Gavin Wilson photo



"That's a level of consistency we've never seen before," Gupta said.

All that was needed to write this year's Putnam was a knowledge of second-year math, but its emphasis on problem-solving demands ingenuity far beyond anything taught in standard courses. Gupta said.

Students preparing for the exam met weekly with Gupta and Prof. Lon Rosen for several months, going over problems from previous tests and discussing solutions.

"Experience is one of the most important things for writing the Putnam," Savitt said. "Once you've seen many different problems, you gain a better perspective on how to approach them."

This was the third time he has written the annual exam, and each time he has bettered his previous performance.

"Next year? Maybe I'll crack the top five," he laughs, then quickly adds, "but I'll have to work hard to do that."

Savitt has always had an affinity for numbers, but he is finding that his interest in mathematics is growing as his understanding deepens.

"If you asked me six or seven years ago what I wanted to be, I'd have said a physicist. Three years ago, I would have said a mathematical physicist. Now, I want to be a mathematician."

Savitt plans to pursue his studies at graduate school, and is already taking one math graduate course besides his undergraduate course work.

"He's the top student in the graduate course even though he's only in third year," Gupta said.

1995 honorary degree recipients Philanthropist supports pharmacy across Canada

by Connie Filletti

Staff writer

When Leslie Dan came to Canada as a young war refugee from his native Hungary in 1947, he was about to embark on a lifetime career helping to bring new medicines to the world.

Dan, founder, chair and CEO of Novopharm Ltd., one of Canada's largest pharmaceutical companies, will be recognized for his commitment to the health and well-being of people worldwide when he receives an honorary degree from UBC on June 2.

Since graduating with a BSc in Pharmacy from the University of Toronto (U of T) in 1954, he has devoted his business career to the development of pharmaceutical manufacturing and research in Canada.

After earning an MBA from U of T five years later, Dan started a distribution company and manufactured his first pharmaceutical product.

In 1965 he founded Novopharm Ltd. with a mandate to produce high-quality, moderately priced pharmaceuticals for the Canadian market.

His philanthropy supports a wide range of health-oriented programs including the Dan Family Chair of Neurosurgery at U of T, the Novopharm/Stanley Chair in Pharmacy at UBC and Casey House, a Toronto AIDS hospice. In addition, every pharmacy school in Canada has student awards sponsored by Novopharm.

Ten years ago Dan founded the Canadian Medicine Aid Programme (CAN-MAP), an organization which provides medicine and other health care aid to the sick in developing nations.

CAN-MAP assisted with medical supplies during last year's crisis in Rwanda and when India faced an outbreak of the pneumonic plague.

Dan's community service includes membership on the governing boards of Toronto's Doctors' Hospital and Mount Sinai Hospital, and on the Rotman Research Institute Committee at the Baycrest Centre for Geriatric Care.

He was recently honoured by the government of Canada with a medal commemorating the 125th anniversary of Confederation in recognition of his significant contributions to compatriots, community and the country.



Leslie Dan

Ekeland first applied game theory to economics

Mathematician, writer, educator, economist and humanitarian Ivar Ekeland will receive an honorary degree from UBC on May 31.

Ekeland currently serves as president and distinguished professor of the University of Paris-Dauphine, which specializes in management and business studies, economics and applied science.

A frequent visitor to UBC's Dept. of Mathematics, he was cited by the UBC Tributes Committee, which recommends nominees for honorary degrees, for his many contributions to the scientific life of the university.

Ekeland wrote many of his books and made several of his scientific discoveries at UBC. His work dealing with the application of game theory to economics is considered a milestone in that subject.

In 1984, one of his books, *Mathematics and the Unexpected*, received the Jean Rostand Prize. Popular fiction writer Michael Crichton has acknowledged Ekeland's book as an inspirational source for his own work, *Jurassic Park*.

Translated into six languages, *Mathematics and the Unexpected* explains to non-mathematicians difficult mathemati-



Ivar Ekeland

cal concepts concerning the stability of the solar system and the chaotic behaviour of dynamical systems.

A committed human rights advocate, Ekeland was responsible for organizing various action committees in France and the United States during the 1980s which were instrumental in obtaining exit visas for several Jewish scientists from the former Soviet Union.

He also helped facilitate the reopening by the Israeli government of Palestinian universities in the West Bank and Gaza.

(These are the ninth and tenth in a series of articles on UBC's 1995 honorary degree recipients.)

Offbeat

by staff writers

Asianist Don Baker was more than a little surprised when a film crew from Kwangju Broadcasting Company in Korea arrived at UBC last month to shoot a documentary... about him.

It seems the company, an affiliate of the Seoul Broadcasting Company, was tipped off to Baker's whereabouts by an old acquaintance of the professor's. Baker had lived in Kwangju from 1971-74 teaching English to junior high-school students as a member of the U.S. Peace Corps. Kwangju, a city of about 1.2 million, is capital of the southwestern province of Chonnam.



Since 1987, Baker has taught Korean language, literature, history and religion in the Dept. of Asian Studies. His research interests lie with the medical and religious history of traditional Korea, an area he refers to as "diseases and deities." But it wasn't so much his research that interested the television crew.

"They just followed me around, filmed a couple of my classes and asked casual questions," said Baker.

The highlight of the documentary was footage taken while Baker was cooking at home.

"I was coerced into having a modest dinner party for which I did all the cooking," he said. "They thought that was very funny because Korean men don't cook."

For those travelling to Kwangju, the program is scheduled to air in early May.

UBC employee, student chart course for Olympics after Pan Am Games win

by Abe Heffer

Staff writer

Sedgewick Library assistant Leigh Pearson and UBC physiotherapy student Penny Davis teamed up for a gold-medal victory at the recently concluded Pan American Games in Mar Del Plata, Argentina.

Pearson and Davis won the women's 470 sailing event, finishing ahead of the silver-medal-winning team from the U.S.

Despite winning an impressive seven of nine races over the five days of sailing competition, and finishing second in the other two, Pearson and Davis weren't assured of a gold medal until March 18, the final day of the event.

"The Americans were on our heels every stretch of the way," said Pearson.

"However, winning the ninth race put us over the top."

Pearson and Davis have been racing together for more than two years. They competed together in the 470 event at the world championships in 1993 and 1994 and finished sixth and seventh respectively.

They will team up for the 1995 world championships in Toronto in August before setting their sights on the 1996 Summer Olympics in Atlanta.

First they have to qualify.

"Winning this gold medal doesn't automatically ensure us a spot on the Canadian team for Atlanta," said Pearson. "However, it gives us a good indication of what we're capable of doing."

Olympic qualifying will take place in April or May of next year.



And The Total Is . . .

John Chong photo

The Thunderbird was on hand to help celebrate the success of this year's UBC Annual Fund and Awards fund-raising appeals. Money raised through the Annual Fund supports faculty priorities, student aid and the library. Class Act chair Chris Savage, a fourth-year Agricultural Sciences student, unveiled the \$4.56-million total at a March 30 reception at Cecil Green Park.



THE UNIVERSITY OF BRITISH COLUMBIA

REPORT ON STUDENT DISCIPLINE

Under section 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 the 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 March 1, 1994 to February 28, 1995, 26 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 intentionally misled the University by not declaring a portion of his post-secondary educational history when completing an application form when applying for admission.

Discipline: suspension from the University for 12 months.*

2. A student failed to disclose prior attendance at another post-secondary institution on an application form when applying for admission to the University and also made an intentional misstatement on the application form.

Discipline: a suspension from the University for 12 months.

3. A student had unauthorized written materials in his possession in an examination.

Discipline: in the special circumstances a mark of zero in the course, a letter of reprimand and a notation placed on the student's transcript removable, upon written application, only after graduation at the discretion of the President.

4. A student altered the date on a change of registration form and forged a signature on the form.

Discipline: suspension from the University for 16 months.*

5. A student cheated on an examination by copying from another

student's paper.

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

6. A student was careless in exposing his examination paper so that copying by another student could occur.

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

7. A student forged the signature of a guarantor and witness on an application for a University loan.

Discipline: in the special circumstances of the case a letter of reprimand.

8. A student submitted a plagiarized paper.

Discipline: a mark of zero in the course and suspension from the University for 8 months.*

9. A student in an examination reproduced an essay which was taken from a collection of sample essays.

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

10. A student cheated on an examination by having unauthorized written materials in his possession.

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

11. A student submitted papers in three courses which were at least 50% identical in content to an earlier paper submitted for another course.

Discipline: a mark of zero for each of the three papers and suspension from the University for 12 months.*

12. A student submitted a paper jointly with another student. The paper was written entirely and plagiarized by the other student.

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

13. A student was extremely careless in

exposing his examination paper in such a way that it could be copied.

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

14. A student copied an answer to an examination question from the paper of another student.

Discipline: a mark of zero in the course and suspension from the University for 10 months.*

15. A student reproduced in an examination an essay which was taken from a collection of sample essays.

Discipline: in the special circumstances a letter of reprimand.

16. A student had a "cheat sheet" in her possession during an examination.

Discipline: suspension from the University for 4 months.*

17. A student copied essay titles during an examination.

Discipline: suspension from the University for 8 months.*

18. A student submitted a paper which in large measure was copied verbatim from a book.

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

19. A student applying for admission to the University failed to disclose attendance at a college.

Discipline: suspension from the University for 12 months.*

20. A student had a "cheat sheet" in her possession and consulted it during an examination.

Discipline: a mark of zero in the course and suspension from the University for 8 months.*

21. A student applying to the University negligently failed to disclose attendance at another post-secondary institution.

Discipline: a letter of reprimand.

22. A student took into an examination room an examination booklet which already had material written in it and handed the booklet in at the end of the examination.

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

23. A student submitted a change of registration form which contained two forged signatures. Although the forgeries were not attributed to the student, the student had failed to ensure the document was in proper form.

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

24. A student had a "cheat sheet" in her possession and consulted it during an examination.

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

25. A student reproduced in an examination an essay which was taken from a collection of sample essays.

Discipline: in the special circumstances a letter of reprimand.

26. A student copied answers from another student's paper during an examination. The student had been earlier suspended for 8 months for a similar offence and committed the second offence within two months of re-enrollment.

Discipline: a mark of zero in the course and an indefinite suspension.

* 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.

Calendar

April 23 through May 6

Monday, Apr. 24

Biochemistry/Molecular Biology Seminar

Coupling G-Protein To A MAP Kinase Cascade In The Yeast Pheromone Response Pathway. Dr. Malcolm Whiteway, Biotechnology Research Institute, Montreal. IRC #4 at 3:45pm. Refreshments at 3:30pm. Call 822-9871.

IHEAR Seminar

Overview Of A Health Promotion Model. Dr. James Frankish, IHI Program, Mather Annex 2 at 4pm. Hearing Accessible. Call 822-3956.

Economics Seminar

Models With Long Memory. Rurad Taquq, Boston U. Buchanan D225 from 4-5:30pm. Call 822-8216.

Continuing Studies

First Nations Of The Pacific: The Polynesian Triangle. Serge Dunis, Asian Centre auditorium from 7:30-9:30pm. \$10. Call 822-1450.

Tuesday, Apr. 25

Centre for Applied Ethics Colloquium

When Is Treatment Futile? Dr. Francoise Baylis, Philosophy, U. of Tennessee. Angus 326 from 2-4pm. Call 822-5139.

Wednesday, Apr. 26

Respiratory Seminar Series

Climb Mt. Everest From Your Armchair. Dr. Grant McCormack, Respiratory consultant, Surrey/New Westminster. Vancouver Hosp/HSC, Laurel Pavilion Taylor-Fiddler conference room from 5-6pm. Call 875-5663.

Green College 19th Century Studies Colloquium

The Commodification Of Landscape: Egypt In The Nineteenth Century. Derek Gregory, Geography. Green College recreation lounge at 5:30pm. Call 822-8660.

Faculty of Education/Policy Lecture

Issues in Education in British Columbia: Equity, Who Wins? Dr. Jane Gaskell, Educational Studies. Respondents: Hayne Wai, Multiculturalism BC; Noel Herron, principal of Cunningham School. Reception follows. Robson Square Conference Centre at 8pm. No fee. Call 264-0627.

Thursday, Apr. 27

Faculty Development Seminar

Everyday Negotiating Skills. Libby Nason, Vice-Provost, Ponderosa Maple Room from 9am-4pm. Call 822-9149.

Museum of Anthropology Workshop

Cultural Resource Management: An Introduction To Archeological Wet Sites For Land-use Planning. MOA from 9am-12pm. Advanced registration required. Fee \$15. Call 822-5087.

Faculty Development/Continuing Studies Seminar

Practical Uses For Interactive Multimedia In A University Setting. UBC TELEcentre, USB from 12:30-2:30pm. No fee. Also May 4. Call 822-9149.

Museum of Anthropology Public Forum

Troubled Waters: A Public Forum On The Fraser River. First Nations House of Learning from 12:30-6pm. Reception to follow. Call 822-5087.

Museum of Anthropology Conference

Hidden Dimensions: The Cultural Significance Of Wetland Archaeology. MOA. Through Apr. 30. Call 822-5087.

Museum of Anthropology Teachers' Workshop

Telling Wetland Stories: A workshop for teachers and museum educators. MOA from 9am to noon. Advance registration required. \$15 fee. Call 822-5087.

CUPE 2950 General Membership Meeting

1995 Budget and Contract on the agenda. IRC 2 from 12:30-2:30. Bring your lunch. Call 224-2308.

Friday, Apr. 28

Pediatrics Grand Rounds

Just Do It? Dr. Derek G. Human, acting head, Cardiology, Children's Hospital. G.F. Strong auditorium at 9am. Call 875-2307.

Health Care/Epidemiology Rounds

Population Health Targets And The Annual Report. Dr. John Miller, Provincial Health Officer, Ministry of Health; Dr. Michael Hays, Geography. SFU, Mather 253 from 9-10am. Call 822-2772.

Saturday, Apr. 29

Career Exploration Workshop

Grade 11/12 students only. A professional counsellor will help high school students to identify career options that fit with their interests, strengths/values. Organized by UBC Student Resources Centre from 8:30am-4:30pm. For location/advance registration call 822-2799.

Museum of Anthropology Talk

Wetland Worlds/The Past Preserved. Dr. John Coles. IRC #2 at 8pm. Call 822-5087.

Monday, May 1

Biochemistry/Molecular Biology Seminar

Structural-functional Relationships In Fibrinogen. Dr. Susan Lord, Pathology, U. of North Carolina. IRC #4 at 3:45pm. Refreshments at 3:30pm. Call 822-9871.

Wednesday, May 3

Orthopedics Grand Rounds

Trauma: Tibial Plateau Fractures. Dr. P.J. O'Brien, Vanc. Hosp/HSC Eye Care Centre auditorium at 7am. Call 875-4272.

Continuing Studies - Applied Science Course

Advanced Concepts In Innovative Thinking/Creative Problem Solving For Professionals. Dr. Paul Tinari. Angus 326 from 9am-5pm. Fee \$410 after Apr. 15. Includes course materials, lunch/certificate of attendance. Now through May 5. Call 822-3347/fax 822-3449.

Microbiology/Immunology Seminar

Transposons, Codons/Foldons:

Genetic Studies Of Membrane Protein. Dr. Colin Manoil, Genetics, U. of Washington, Wesbrook 201 from 12-1:30pm. Call 822-3308.

Respiratory Seminar Series

Proteoglycans In Lung Inflammation And Fibrosis. Dr. Clive Roberts, Medicine, Vancouver Hosp/HSC Laurel Pavilion Taylor-Fiddler conference room from 5-6pm. Call 875-5653.

Health Care Ethics Public Lecture

Economic, Social/Ethical Challenges For Health Care In The New South Africa. Dr. Solomon R. Benatar, Medicine, U. of Cape Town, South Africa. Robson Square Conference Centre Judge White Theatre at 7pm. Call 822-5677.

Thursday, May 4

Academic Lecture Series

Multimodal Treatment Of Attention Deficit Hyperactive Disorder. Dr. Lilly Hechtman, Child Psychiatry, Montreal Children's Hospital. Vancouver Hosp/HSC Detwiller Pavilion lecture theatre

Notices

Student Housing

A service offered by the AMS has been established to provide a housing listing service for both student and landlords. This service utilizes a computer voice messaging system. Students call 822-9844. Landlords call 1-900-451-5585 (touch tone calling) or for assistance call 822-0888.

Friday Morning Campus Tour

School/College Liaison tours provide prospective UBC students with an overview of campus activities, facilities and services. Brock Hall 204 from 9:30-11am. Reservations one week in advance. Call 822-4319.

English Language Institute Homestay

English speaking families needed to host international students participating in ELI programs for periods of two to six weeks. Remuneration is \$22 per day. Call 822-1537.

Counselling Psychology Study

Midlife Daughters/Daughters-In-Law. Daughters, who are caring for a parent in a care facility, are needed for a study on stress and coping. Involves one evening small group discussion with women similar to yourself. Call Allison at 822-9199.

Counselling Psychology Work/Stress Study

UBC female managerial and professional workers who have experienced a stressful interpersonal conflict at work in the past month needed for a study on the health effects of work conflicts. Involves confidential completion of a questionnaire. Call 244-0559.

Statistical Consulting/Research Laboratory

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

International Student Services

Women's Support Group. Jennie

from 8-9:30am. Call 822-7550.

Green College Seminar

Three Decades As A Political Scientist: The Autobiography That Will Never Be Written. Prof. Alan Cairns, Political Science, Green College recreation room at 8pm. Call 822-8660.

MOST Workshop

The Challenge Of Customer Service. Bonnie Milne, consultant, Training for Change, Brock Hall 0017 from 9am-4pm. Fee \$60; refreshments provided. Call 822-9644.

Friday, May 5

Call For Papers

Seventh Social Work Symposium Research Day: Research As Practice In Action. Contact Dr. Sharon Manson-Singer, School of Social Work. Students are welcome as participants. Call Dr. Manson-Singer at 822-3251.

Pediatrics Grand Rounds

Ocular Miswiring. Dr. Christopher John Lyons, Ophthalmology, GF Strong auditorium at 9am. Call

875-2307.

Health Care/Epidemiology Rounds

Defining Ecosystem Health. Dr. Craig Stephen, Health Care/Epidemiology/BC Centre for Disease Control, Mather 253 from 9-10am. Call 822-2772.

Saturday, May 6

Continuing Studies Lecture

UBC Forum: Treaty Making In British Columbia: An Examination Of The Current Negotiating Process. Paul Tennant; Doug Sanders, Barbara Fisher, Curtis 101/102 from 9am-1pm. No fee. Call 822-1450.

History Conference

Canada And The Liberation Of The Netherlands 1945-1995: In commemoration of the 50th anniversary of the end of WWII in the Netherlands and the role of Canadians in the liberation. Speakers from Canada and the Netherlands. Robson Square Conference Centre, Judge White Theatre at 9am. Call 822-5642 for information.

Campbell, Int'l student advisor/program coordinator, International House every Thurs. between 4-5pm to end of Apr. Call 822-5021.

Study of Coping Skills

Needed for UBC study of coping: Any parent of a person with schizophrenia. Respond at your convenience to written confidential questionnaire. Study conclusions available. Please share your experience so others may learn. Call Rose at 822-5672/266-8792.

Clinical Research Support Group

Under the auspices of Health Care/Epidemiology. Provides methodological, biostatistical, computational and analytical support for health researchers. Call 822-4530.

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.

Equity Office

Advisors are available to discuss questions or concerns. We are prepared to help any UBC student, or member of staff or faculty who is experiencing discrimination or harassment, including sexual har-

assment find a satisfactory resolution. Call 822-6353.

Psychology Study

Continues to May 15. Music And Mood. **CANCELLED** Volunteers required for two one-hr. sessions, one every two days apart. \$20 honorarium upon completion. Call 822-2022.

Diabetes Study

Volunteers required who have Type II Diabetes; ages 19-70 yrs; stable blood glucose levels; normal blood lipid levels. Required to consume a liquid nutritional supplement for 28 days. Honorarium paid. Call 822-6869.

Nitobe Memorial Garden/Botanical Garden

Summer hours effective to Oct. 15. Open from 10am-6pm daily, including weekends. Call 822-9666.

Garden Tours

Wednesdays/Saturdays until October. UBC Botanical Garden at 1pm. Available with the price of admission. Call 822-9666.

NOTE

The Calendar will not appear in the May 18 issue of UBC Reports.

UBC REPORTS

CALENDAR POLICY AND DEADLINES

The UBC Reports Calendar lists university-related or university-sponsored events on campus and off campus within the Lower Mainland.

Calendar items must be submitted on forms available from the UBC Public Affairs 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 May 4 issue of UBC Reports — which covers the period May 7 to June 17 — is noon, April 25.

Celebrating

25

years of service

Stories by
Abe Hefter
Staff writer



Harvey Burian

There are 13,000 stories in the UBC workforce.

After 25 years of employment in Human Resources, Harvey Burian feels he knows just about every one of them.

As manager of the Human Resources Information Centre, Burian is responsible primarily for the computerized employee database system, and extracting system information in the form of various reports.

The database contains information on all faculty, staff and student workers.

During the last 10 years, Burian has watched computer technology change the face of Human Resources.

"In 1984, the department was equipped with one personal computer. Today, that number is closer to 60."

Burian started out as an administrative assistant in 1970 in what was then known as Personnel and Ancillary Services. His career eventually took him into the area of information systems, where he's been employed since 1986.

"I've been involved in just about every area of human resources except benefits," said Burian. "I tend to be the departmental historian."

Chris Mewis

It probably wouldn't be too much of a stretch to suggest that Chris Mewis's life has been "sailing along," both personally and professionally, for the last number of years.

From 1970 through 1977, Mewis was employed in a number of areas on campus, including the Dental Hygiene Program and the Faculty of Education. A long-time recreational sailor with a love of the ocean, she often cast a watchful eye on the Oceanography Dept., in hope that a suitable job posting would become available.

In 1978, one did.

"I'm very keen on the ocean and sailing — that kind of thing. One day I saw a posting in the Oceanography Dept. for an administrative clerk. I applied and got the job, which was a dream come true, really."

A former assistant boating instructor, Mewis has been sailing for more than 20 years, from small dinghys to 50-footers and everything in between. Not of a scientific bent, Mewis has a background in business administration. However, her 17 years in the Oceanography Dept. have served to deepen both her love, and her knowledge, of the ocean.



New 25-year club members



Pat Lackie

Membership in the UBC 25-year club has become a family affair for Pat Lackie.

Lackie's husband Al, this year's club president, has been an employee at UBC for more than 30 years, most recently as major contracts officer in the Purchasing Dept. Pat has spent the last 10 years of her UBC career as an administrative assistant in the English Dept., with previous stops in the Physics and Chemistry departments and the office of the dean of Science.

When the work day is done, the Lackies don't stray very far from campus. They currently live in Point Grey.

"It's very exciting to be part of the university community," said Pat. "UBC has provided an excellent administrative career for me. It has been both a joy and a privilege to work on campus."

Membership in the UBC 25-year club isn't the only milestone the Lackies are celebrating these days. They marked their 29th wedding anniversary on April 2.

"I suppose it's quite unique that we've both reached this milestone and that we're both still married," Pat points out.

"We both enjoy our careers and attend many university functions. Al and I have integrated work, pleasure and home life very nicely."

Rick Noonan

You could say Rick Noonan's entry into the UBC 25-year club is "ice-ing" on the cake in a hockey career that has taken him to the four corners of the globe.

Since his arrival from Winnipeg where he partook in Father David Bauer's national hockey program, Noonan has played a major administrative role on the international hockey scene.

Currently the co-ordinator of the UBC varsity hockey program and manager of the Winter Sports Centre, Noonan has served as head trainer on a number of Team Canada entries at the world championship level: 1977 in Vienna, 1978 in Prague and 1979 in Moscow.

In 1980, he served as general manager of the Canadian hockey team at the Lake Placid Winter Olympics.

His participation on the international scene also took him to Japan.

"I served as trainer for the Japanese national hockey team in 1975 and 1976," said Noonan. "It enabled UBC to develop an excellent relationship with Japanese hockey which is still strong today."

An unabashed supporter of Canadian university hockey, Noonan was thrilled to see large crowds come out to the Winter Sports Centre and support the Thunderbird hockey team this season.

"It's a very competitive brand of hockey. The players come out and give 100 per cent. And when you get a full house in this place, it's very exciting."



Paul Darquin
Education

Richard Noonan
Athletic & Sports Facilities

Heather Merilees
Biochemistry

Allan Blighton
Campus Mailing Services

Barbara Kent
Commerce & Business Administration

Pat Lackie
English

James Bell
Housing & Conferences

Ernest Gregg
Housing & Conferences

Harvey Burian
Human Resources

Janice Doyle
Community & Regional Planning

Young-ju Ahn
Library

Raymond Galbraith
Library

Thomas Geise
Library

Sylvia Ng
Library

Brian Kilpatrick
Education

Ian Franks
Media Services

Chris Mewis
Oceanography

Christian Caritey
Pharmacology & Therapeutics

Elaine Jan
Pharmacology & Therapeutics

Eliana Balic
Plant Operations

Giovanni Gambron
Plant Operations

Josephine Hoefflich
Plant Operations

John Irvine
Plant Operations

Bogoljub Lukic
Plant Operations

Lorne Potentier
Plant Operations

Krishna Reddy
Plant Operations

Mahendra Singh
Plant Operations

Cushla Curtis
Psychology

Joseph Dolchewski
Telecommunications

Richard Halm
Telecommunications

Dennis O'Reilly
Telecommunications

Lorne Koroluk
Continuing Studies Credit Division

Ronald Hall
University Computing Services



UBC GAZETTE

The Board of Governors took the following action at its meeting held on March 16, 1995.

FINANCE

The schedule of tuition fees for the new MBA program in the Faculty of Commerce & Business Administration (based on a full program fee of \$7,000 for students entering the program in 1995-96) was approved.

The Board approved 1995-96 budgets for the following ancillary operations.

1. Athletics and Sports Services
2. Bookstore
3. Food Services
4. Housing and Conferences
5. Computing and Communications
6. Parking
7. EMRG (Educational Measurement Research Group - changing to Applied Research and Evaluation Service)

The Board approved collection of a five dollar fee per active member per year (pro rated for part-time students) for the Ubysey Publications Society. This approval was subject to the Ubysey Publications Society meeting a number of conditions with respect to issues such as accountability, liability and financial reporting. If the conditions are met, the fee will be collected for the term commencing Sept. 1, 1995 on behalf of the Ubysey Publications Society, and will be paid to the UPS for the publication of an autonomous student newspaper.

A draft lease between the University and the Graduate Student Society regarding the Graduate Student Centre was approved.

The Board approved a proposal that the University acquire membership control of the Pacific Bio-Waste Recovery Society.

Pacific Bio-Waste Recovery Society, a non-profit society, operates the fish composting facility situated on the UBC Research Farm at Oyster River. Pac-Bio will remain a separate legal entity, but UBC, through the membership, will control the management of Pac-Bio.

PROPERTY

The Board ratified the revised Land Use and Development Objectives dated March 13, 1995.

The 1995-96 Minor Capital Budget was approved. The Minor Capital Budget recurs yearly. The portion for alterations is apportioned on the basis of requests from departments or interest areas, as endorsed by Deans and confirmed by Vice Presidents. The budget also provides for public works upgrading.

The Board endorsed the Design Development Report dated January 3, 1995, for Creative Arts/Journalism Phase 1, and the Addendum to the Report dated March 7, 1995, prepared by A. J. Diamond Schmitt and Company. Approval was also given to proceed with preparation of contract documents and tendering of the project.

ACADEMIC & STUDENT AFFAIRS

Approval was given to the incorporation of the BC Networking Society with three members: The University of British Columbia, Simon Fraser University and The University of Victoria. BCnet is a computer network connecting researchers and educators at institutions of higher education together with each other and with business, governmental, and non-profit organizations throughout the Province of British Columbia. BCnet also connects these important groups to the national Canadian research, education, and technology transfer network.

POLICIES

The Board approved changes to Policy #19. Acting President, and noted the President's procedures for implementation and administration:

In accordance with Policy #1, the Board was advised that procedures for the following policies have been amended by the President.

The Board of Governors at its meeting of March 16, 1995 approved the following recommendations and received notice about the following items:

APPOINTMENTS

William A. Webber, Associate Vice President, Academic, Vice President Academic & Provost, July 1, 1995 to June 30, 1998.

Murray B. Isman, Acting Head, Dept. of Plant Science, Jan 1, 1995 to June 30, 1995.

Peter Legzdins, Head, Dept. of Chemistry, July 1, 1995 to June 30, 2000.

Robert J. Woodham, Acting Head, Dept. of Computer Science, Feb 1, 1995 to June 30, 1995.

Thomas M. Kemple, Assistant Professor, Dept. of Anthropology & Sociology, July 1, 1995 to June 30, 1998.

Carl G. Johnson, Assistant Professor, Dept. of Classics, July 1, 1995 to June 30, 1998.

Roland B. Stull, Professor, Dept. of Geography, July 1, 1995 (tenured).

Geoffrey Winthrop-Young, Assistant Professor, Dept. of Germanic Studies, July 1, 1995 to June 30, 1998.

David J. Metzger, Assistant Professor, School of Music, July 1, 1995 to June 30, 1998.

Rod McCormick, Assistant Professor, Dept. of Counselling Psychology, Jan 1, 1995 to June 30, 1998.

Policy #67—Late Payment of Fees and Accounts
Policy #87—Research

OTHER BUSINESS

The Board approved the agreement between the University and the Faculty Association on Conditions of Appointment for Sessional and Part-time Appointments.

Nina Halpern, Associate Professor, Institute of Asian Research/Dept. of Political Science, Jan 1, 1995 to June 30, 1998.

Decheng Yang, Assistant Professor, Department of Pathology, Feb 1, 1995 to June 30, 1998.

Sarah P. Otto, Assistant Professor, Dept. of Zoology, July 1, 1995 to June 30, 1998.

Michael C. Whitlock, Assistant Professor, Dept. of Zoology, July 1, 1995 to June 30, 1998.

RESIGNATIONS

Linda McCargar, Assistant Professor, School of Family & Nutritional Sciences, June 30, 1995.

Peter Lusztig, Professor, Faculty of Commerce, June 29, 1995.

Mihkel Tombak, Assistant Professor, Faculty of Commerce, June 30, 1995.

David Tse, Associate Professor, Faculty of Commerce, June 30, 1995.

Patricia Crehan, Assistant Professor, Dept. of Educational Studies, June 30, 1995.

Richard Wall, Associate Professor, Dept. of Pharmacology & Therapeutics, Dec 30, 1994.

CHANGES TO UNPAID LEAVES COMMERCE & BUSINESS ADMINISTRATION

Mihkel Tombak, from Sept. 1, 1994-Aug. 31, 1995 to Aug. 1, 1994 to July 31, 1995.

UBC REPORTS

Circulation: 37,000

Distribution: Twice monthly on the UBC campus and in The Courier on Vancouver's West Side

Mechanical Requirements

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Business card (4" x 2") \$59.00

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\$73.00

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5 columns (10.25" x 7.5")
\$525

B.C. French teachers offered Tahitian treat

by Connie Filletti
Staff writer

UBC's Continuing Studies is offering the province's French language teachers a unique opportunity to broaden their knowledge and enhance their teaching skills this summer.

International agreement to encourage exchanges

In addition to their collaboration on the Papeete French immersion program, UBC and the French University of the Pacific will enter into a three-year agreement to encourage and facilitate joint research activities and support faculty and student exchanges.

The French University of the Pacific attracts some of the best and most ambitious French scholars, said Francis Andrew, who spearheaded the Papeete program.

"The faculty is noted for the excellence of its training, research and publications, and the university is particularly strong in arts, language, anthropology, law and oceanography."

Andrew and UBC colleagues Stephen Carey, director of Modern Language Education in the Faculty of Education, and Richard Hodgson, acting head of the French Dept., designed the agreement based on a similar joint venture between the French University of the Pacific and New Zealand's Auckland University.

The first exchanges are expected to take place in language arts and education, Andrew said.

He added that as well as conducting research at the host university, faculty members participating in the exchange may also give lectures or seminars.

Under terms of the agreement, student exchanges will take place on a reciprocal basis and for a period not exceeding one academic year.

Students will pay the appropriate tuition fee for their course of study to their host institution which may grant exchange students credits for courses completed.

The agreement will be signed by UBC President David Strangway and Francis Dubus, president of the French University of the Pacific, on campus at an April 26 ceremony.

Fifteen non-Francophone, advanced-level teachers of French immersion and French as a second language will attend a program tailored to meet their specific learning needs at the French University of the Pacific in Papeete, Tahiti.

The four-week French immersion program, which begins July 8, is part of an international exchange between B.C. and the French government initiated in 1991 by Francis Andrew, director of Continuing Studies' Language Programs and Services division.

In 1987, Andrew helped establish exchange programs within the division to enable B.C. teachers to participate in French immersion courses offered by institutions in France and other overseas countries.

Due to the popularity of Papeete as a destination, most of the applications for the program were received well before the April 1 deadline, Andrew said.

Applicants were carefully screened through a detailed questionnaire and were required to write an essay on how they felt the program would improve their language and teaching abilities, he added.

The program, which will combine eight-hour days of language activities with guest speakers, workshops, cultural events, field trips and weekend excursions, coincides with Papeete's 50-day Tiurai Festival, the island's Bastille Day celebrations.

"It is a culturally rich time of year which will offer the participants countless opportunities to meet French-speakers and share their culture," Andrew said.

"The whole program has been designed to encourage the teachers to keep learning, to do it for their students. We feel that we will have a very committed group. They will be using personal vacation time to upgrade their professional skills."

The summer institute in Papeete is one of several that Continuing Studies offers abroad, including programs with Japan's Hiroshima University, Beijing University in China, the Center for Bilingual Multicultural Studies in Mexico and Costa Rica's Forester Instituto Internacional.

Funding for the program is provided by the French Ministry of Foreign Affairs, represented by Maryse Berniau, the French consul in Vancouver.



Martin Dee photo

Partners In Research

Municipal Affairs Minister Darlene Marzari presents a cheque for \$54,000 to Michael Pitt, associate dean of Agricultural Sciences, on behalf of Dave Zirnelt, minister of Agriculture, Fisheries and Food. Also present were Jim Thompson (left), head of Animal Science, and Richard Spratley, director of Research Services. This was the second installment of the approximately \$150,000 the faculty receives each year under the Applied Research Partnerships Program. The program is designed to encourage faculty researchers and industry to work together to enhance the competitive position of B.C.'s agri-food industry. Industry sources match government funding for joint research projects. Some of this year's projects include: genetic engineering of fruit crops to resist diseases, use of monoclonal antibodies to assess fertility in bulls, development of naturally occurring pesticides and dietary control of disease in farmed salmon.

Text links economics with sociology, biology

by Abe Heffer
Staff writer

Commerce and Business Administration Prof. Maurice Levi has written a textbook on introductory economics directed at first-year university students who aren't economists and don't intend to be economists.

In *Economics and the Modern World*, Levi has linked economics with a number of disciplines, including literature, biology, sociology and religion. He calls it crossing bridges.

"We have compartmentalized scholarly inquiry by working within narrow fields like we're living in a vacuum," said Levi.

"Interdisciplinary and cross-disciplinary research enables us to bring different areas together. Really, we're all talking a similar language. When we start talking to each other more, we'll learn a lot."

Levi has explored some of these parallels by crossing 18 bridges in the course of this text, including one which takes readers to the land of Oz.

"When L. Frank Baum penned his much-loved enchanted tale, *The Wonderful Wizard of Oz* at the turn of the century, he was not only creating a treasure for generations of delighted children, but also was making a sophisticated and penetrating commentary on one of the central economic issues of the day," Levi writes.

"That issue was whether the United States would remain on the gold standard or should instead add to the size of the money supply by the free, unrestricted mintage of silver coins."

Levi goes on to explain that the yellow brick road was the path taken by gold advocates, while Dorothy's silver slippers, which eventually disappeared, represented the silver issue, which also disappeared.

While acknowledging that some of the parallels described are coincidental, Levi points out that some of the links are astoundingly strong.

"Mention the word inflation to most people, and they are likely to think about rising prices. However, if the person hearing the word is a physicist, it may bring something different to mind, such as what happens when air is blown into a balloon.

"While the physicist and economist have different phenomena in mind when considering inflation, the principles behind them are similar: the larger the number of molecules or money supply, and the higher their velocities, the bigger the balloon, or price level."

Division of labour is another term that might mean different things to different people. However, Levi says it's not an accident that the

division of labour is central to both economics and biology.

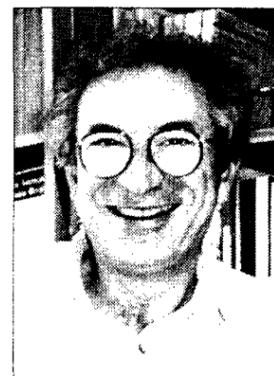
"The centre of a cell, the nucleus, is like the management of a firm. The outer part of the cell, which takes instructions from the nucleus, does most of the work, just like the firm's employees. Cells trade, or exchange, with each other. Same cells that come together form tissue, just as similar firms come together to form an industry.

When groups of different types of tissue come together, they form an organ. When different industries come together, they form a sector of the economy, like agriculture. All organs and sectors, when combined, make up the large units of study, organisms and economies.

"The nature of people co-operating in markets is not much different than the level of co-operation found in a biological system."

In his textbook, Levi also crosses a bridge which links the psychology of consumer behaviour to the teachings of Sigmund Freud. Another bridge links the economic concept of competition to biology, political science, history, ethics and theology.

Economics and the Modern World, by Maurice Levi, is published by D.C. Heath and Company.



Maurice Levi



Gavin Wilson photo

Exam Stress?

Dreaming, no doubt, of the summer ahead, sleeping student takes a breather during the final week of classes to bask in the spring sun on a bench in the flagpole plaza at the north end of Main Mall.

Classified

The classified advertising rate is \$15.75 for 35 words or less. Each additional word is 50 cents. Rate includes GST. Ads must be submitted in writing 10 days before publication date to the UBC Public Affairs Office, 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 May 4, 1995 issue of UBC Reports is noon, April 25.

Housing Wanted

GULF ISLAND WOMAN seeks house sit/caretaker/rental/sublet situation from May 1 to Sept. 1 (or longer). Quiet, clean, 50, n/s, non-drinker, with good references. Work for Vancouver Parks Board. Cats and plants thrive, handy with most tools. Please leave message at 228-0284.

HOME NEEDED Family with 2 children, 2 cats seeks 3 bedrm house in West Pt. Grey or close vicinity, July '95 to July '96. Call 224-0725.

Housing Wanted

NEW UBC PROF and partner seek house sitting/sublet arrangement, 2+ bedrms, for year (or longer) starting July or Aug. '95. Clean, n/s, no pets, no kids. Readily accessible to UBC via car/bus. Contact Dr. Ross, (604) 828-5496.

UBC ST. JAMES HOUSE Executive one bedrm., 7 appliances, parking, etc. Avail. May 1 minimum 1 year lease, \$1,200/mo. 228-0089 eves., 822-6352 days.

Accommodation

POINT GREY GUEST HOUSE A perfect spot to reserve accommodation for guest lecturers or other university members who visit throughout the year. Close to UBC and other Vancouver attractions, a tasteful representation of our city and of UBC. 4103 W. 10th Ave. Vancouver, B.C. V6R 2H2. Phone or fax (604) 222-4104.

GREEN COLLEGE GUEST HOUSE Located near the Museum of Anthropology, this is an ideal spot for visiting scholars to UBC. Guests dine with residents and enjoy college life. Daily rate \$50.00, plus \$13/day for meals Sun.-Thurs. Call 822-8660 for more information and availability.

TINA'S GUEST HOUSE Elegant accommodation in Pt. Grey area. Minutes to UBC. On main bus routes. Close to shops and restaurants. Incl. TV, tea and coffee making, private phone and fridge. Single \$45, Double \$55, weekly rates available. Tel: 222-3461. Fax: 222-9279.

GAGE COURT HOTEL offers year-round accommodation in one-bedroom suites with kitchenettes. Ideal for visiting professors and seminar groups. Located on campus, across from the Student Union Building. Daily rate is \$69/suite. For reservations call (604) 822-1010.

COZY CEDAR GUEST COTTAGE UBC endowment lands. Minutes to UBC/beaches. Offers Vancouver visitors a peaceful alternative. Furnished, fully equipped 1 bedrm and den on beautiful one-acre natural forest setting. Monthly bookings available July onward. 222-0060.

FURNISHED PENTHOUSE Large 1 bedrm furnished penthouse, decks, fireplace, near Alma and 6th Ave. for visiting faculty. Available May 1 for 6 months or year. \$1,000/mo. incl. heat. Call 224-7705 (5:30-7 pm), or 822-4376 (Tu, Wed, Th, 9am-12pm).

TWO BEDROOM furnished house W. 13th Ave. at Blanca for rent Sept. '95 to mid-April '96. Suit visiting professor and spouse. 2 baths, living rm, dining rm, kitchen and den. N/S, no pets. \$1,400/mo. including utilities and lawn service. Call 224-3942.

WESTSIDE VANCOUVER Furn. house. 2 bedrms, study, sunken living rm, gas f/p, dining rm, garden. Suitable responsible quiet couple. N/S, no pets. Street parking. Bsmnt suite rented to quiet person. Cleaner, lawn care bi-monthly incl. Util extra. 732-1251.

FULLY FURNISHED and renovated house near UBC. Mountain and park views. Access to transportation and shopping. Avail. mid May. Either long or short lease. No pets, n/s. Refs. required. For details call 224-3423.

TWO BEDROOM and bed sofa in den, large house and yard, 2 baths, w/d. Avail. June, July, Aug. '95. Shaughnessy area. Clean, quiet. Close to bus, stores. N/S only. \$1,050/mo. all incl. 736-4948.

Accommodation

RICHMOND Fully furnished executive home, central location, 3 bedrms and study, family room, den, 2 fireplaces, attractive gardens. Avail Sept. '95 for 4-10 months (negotiable). No pets, n/s. References required. \$1,750/mo. Call (604) 275-0505.

SUNNY SALTSRING ISLAND Charming 2 bedrm cottage, hammock, fireplace, fully furn., 1/4 acre, all electric, walk to beaches, marina, Fulford ferry, fishing, tennis, kayaking, golf, village. Book early, week, month, long weekends, n/s. references. (604) 737-8836.

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Events

HYPNOSIS WORKSHOP The Canadian Society of Clinical Hypnosis (BC Div.) presents Victor Rausch, D.D.S., speaking on "Hypnosis, Subtle Energies, Energy Medicine and Healing - The Connection" on Sat. June 10, '95. The workshop will deal with simple hypnotic principles and rapid techniques. The relationship between hypnotic trance, rapport, subtle energies and electrodynamic body energy fields will be discussed. For copy of brochure and more info. please call. 688-1714.

WOMEN, CHILDREN AND YOUTH HIV/AIDS Conference. Sept. 28, 29, 30, '95. Coast Plaza Hotel at Stanley Park. Sponsored by Division of Continuing Education in Health Sciences, UBC; with B.C.'s Children's Hospital, B.C.'s Women's Hospital and Health Centre, Sunny Hill Health Centre for Children. Contact toll-free within B.C. 1-800-663-0348; local and outside B.C. (604) 822-2626 or 822-4965. Fax: (604) 822-4835.

HIV/AIDS CONFERENCE 9th Annual BC HIV/AIDS Conference. Focus on Drug Users. Nov. 5-7, '95. Sponsored by Continuing Education in Health Sciences, UBC; The Province of BC Ministry of Health; BC Centre for Excellence in HIV/AIDS; and St. Paul's Hospital, Vancouver, BC. At: Westin Bayshore Hotel, 1601 W. Georgia St., Vancouver, BC. For further information call: (604) 822-4965 or Fax: (604) 822-4835.

SEATING SYMPOSIUM 12th International Seating Symposium, March 7-9, '96. Vancouver, BC. Call for Submissions. Deadline: June 1, 1995. Sponsored by: Sunny Hill Health Centre for Children; UBC, Division of Continuing Education in the Health Sciences; University of Pittsburgh, School of Health and Rehabilitation Sciences; RESNA. For further information, contact: 12th International Seating Symposium, Continuing Education in Health Sciences, The University of British Columbia, Rm. 105 - 2194 Health Sciences Mall, Vancouver, BC, Canada V6T 1Z3. Tel: (604) 822-4965 or Fax: (604) 822-4835.

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People

by staff writers

Third-year law student **Catherine Moya Dunne** is the 1995 winner of the \$1,600 William G. Black Memorial Prize essay competition.

About 50 students competed for the prize, which is named for a faculty member who retired in 1963 after many years of service.

The essay is written on a topic related to some aspect of Canadian citizenship. In this year's contest, students were asked to explain the relationship between individual rights and the common good in light of issues raised by such groups as environmentalists, Quebec separatists, First Nations peoples, the poor, women and ethnic minorities.

The essays were judged by representatives of the Faculty of Law and the departments of Anthropology and Sociology, History and Political Science.

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David Hill, an assistant professor of Pharmaceutical Sciences, has been elected president of the Pharmacy Examining Board of Canada (PEBC) for a one-year term.

Hill, who also serves as associate dean of professional programs and chair of the Division of Clinical Pharmacy and Pharmacy Administration in the faculty, was elected to the board in 1991 as the representative of the Canadian Society of Hospital Pharmacists.

He is a member of the board's specialties, executive and finance committees. He served as the PEBC's vice-president last year.

The PEBC is committed to promoting excellence in the practice of pharmacy by a comprehensive and relevant examination and certification process for persons seeking to become licensed pharmacists in Canada.

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Maureen Garland, director of Continuing Education and Communications for the Faculty of Agricultural Sciences, is the 1994 co-winner of the Elizabeth Powell

Award presented by the National University Continuing Education Association (NUCEA).

Garland won for her journal article, 'The Adult Need for Personal Control' Provides a Cogent Guiding Concept for Distance Education, which was published in the Journal of Distance Education.

The award is given annually to recognize publications that make significant contributions to research in independent study and distance education. Nominations for the award were received from some of the world's most prominent distance educators.

Garland will receive the award at the NUCEA annual conference this month in Anaheim, Ca.



Garland

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Peter Oberlander, professor emeritus in the School of Community and Regional Planning, has been appointed special assistant to the secretary-general of Habitat II. Oberlander will help preparations for the Second United Nations Conference on Human Settlements (Habitat II) to be convened in Istanbul, Turkey, in June 1996. Oberlander has been associated with the United Nations Centre for Human Settlements in Nairobi since its inception, and has served United Nations agencies as a consultant in the field of community planning and housing since the late 1950s. Following Habitat I in Vancouver, Oberlander founded the Centre for Human Settlements at UBC and was its first director until 1988.

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UBC's Nobel Laureate **Michael Smith** will join astronaut Roberta Bondar and prima ballerina Melissa Hayden in receiving honorary degrees from the University of Western Ontario in June.

Smith, director of the Biotechnology Laboratory and a professor in the Dept. of Biochemistry and Molecular Biology, is being honoured for his achievements as a distinguished biochemist with a Doctor of Science degree.

He will address graduates from the faculties of Graduate Studies and Law at a June 9 ceremony.

Smith was also recently inducted as a Friend of Science World.

Smith, who was co-recipient of the Nobel Prize in Chemistry in 1993, was honoured for his contributions to Science World and his commitment to promoting science awareness and equal opportunities for women in science.

He contributed the cash award from his Nobel Prize to the Society for Canadian Women in Science and Technology and to schizophrenia research.

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Zoology Prof. **Peter Hochachka** has won the inaugural B.C. Academic of the Year Award from the Confederation of University Faculty Associations of B.C.

Hochachka was honoured for his research, which focuses on how humans and other mammals adapt to low-oxygen environments, both underwater and at high altitudes.

A leader in comparative physiology and biochemistry, his groundbreaking studies of the different way in which animals convert food and oxygen into energy have altered the course of biological research.

Hochachka was also recently awarded the 1995 Canada Gold Medal for Science and Engineering, the highest honour given by the Natural Sciences and Engineering Research Council.



Hats Off

Abe Heffer photo

Renowned costume designer Kwok-yuen Chan of Hong Kong examines a head dress from China's Eastern Guangong Province from the early 1900s. With him is Museum of Anthropology curator Elizabeth Johnson. Chan visited MOA this month to work with Johnson to identify and document the museum's collection of Cantonese opera costumes. The public can see the extraordinary beauty, colour and diversity of MOA's collection of Cantonese opera costumes in its exhibit, A Rare Flower: A Century of Cantonese Opera in Canada, which has just returned from an 18-month nation-wide tour of five Canadian museums. The exhibit goes on display at MOA in June.

News Digest

Two UBC offices are among this year's recipients of grants awarded by the Faculty Women's Club (FWC).

The Development Office was presented with two cheques totalling \$12,000. The awards will help establish a new bursary and increase existing scholarships.

A cheque for \$1,000 went to the Women Students' Office in support of its Emergency Loan Fund which assists women students who need immediate financial help. The FWC was established in 1917 to give financial aid to students, provide service to the UBC community and to promote social and cultural activities among its members. A total of seven scholarships, awards and bursaries are currently supported by the FWC. The cheque presentations were made during the club's annual general meeting on April 4.

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The UBC Portfolio Management Society has been named the provincial post-secondary winner of the National Awards of Excellence in Business-Education Partnerships for 1994-1995.

The award is given annually by the Conference Board of Canada.

Commerce and Business Administration Prof. Rob Heinkel, faculty supervisor of the Portfolio Management Society, will travel to St. John, New Brunswick, May 14-16 for the national awards ceremony, which will feature the eight provincial winners.

The UBC Portfolio Management Society was created in 1985 by Murray Leith, Michael Ryan and Milton Wong, three Vancouver investment professionals with a strong commitment to the business-education partnership.

Working with then Commerce Dean Peter Lusztig, approximately \$300,000 was raised and placed into an endowment. The endowment, now worth more than \$1.2 million, is managed by a select group of undergraduates in the faculty's Bachelor of Commerce program.

Each year the six to eight graduating students are recruited by some of the largest and most successful firms in the global capital markets.

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On May 5, 1945, German forces in the western and central Netherlands capitulated ending five years of Nazi occupation. UBC is hosting a conference "Canada and the Liberation of the Netherlands, 1945-1995" to commemorate the 50th anniversary of the end of World War Two in the Netherlands on Saturday, May 6.

A former member of the Dutch resistance and the commander of the battalion that liberated Amsterdam will join Canadian and Dutch scholars in the Judge White Theatre at the Robson Square Conference Centre. The day long conference will examine contributions made by Canadian soldiers, including those of British Columbia's Seaforth Highlanders, in the liberation campaign. Canadian casualties in Northwest Europe totalled almost 45,000, with more than 11,000 fatal.

Conference topics include: a social history of an army at war; women in the Dutch navy; Nazi failure to win over the Dutch during the occupation; and the purging and punishing of collaborators.

For more conference information call 822-5642.

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A new option in environmental engineering will be available to undergraduates in Civil Engineering this fall.

Recently approved by Senate, the option will be offered for the first time to students entering the third-year Civil Engineering program in September.

The new option has been created by combining existing courses and courses from other departments with newly developed courses. It has been designed to give students a grounding in both basic sciences and specific environmental engineering skills.

Still subject to budgetary approval, the option has an intended enrolment limit of 40 students.

"The option will enable the department to respond to increasing demands for engineers with sensitivity to environmental issues and expertise in addressing environmental engineering problems," said Civil Engineering Dept. Head Michael Isaacson.

The undergraduate program will complement the department's extensive teaching and research activities in environmental engineering at the graduate level.

It is one of the largest and strongest graduate programs in Canada and has recently been broadened to include three areas of specialization: pollution control and waste management, environmental fluid mechanics and aquatic processes and geo-environmental engineering.

Profile



Martin Dee photo

Mary Risebrough has seen campus housing nearly double since she was appointed director of Housing and Conferences 15 years ago.

Making UBC a home

by **Connie Filletti**

Staff writer

Although Mary Risebrough, director of Housing and Conferences, is reluctant to talk about the surge in student housing that has taken place at UBC under her direction, the numbers speak for themselves.

Since her appointment 15 years ago, Risebrough has planned and implemented six major construction projects which have increased the amount of on-campus student housing by 45 per cent — accommodation for an additional 2,000 students.

She is equally modest about the \$100-million worth of new construction she has administered at UBC during her tenure.

"It seems like a lot, but it's been done a small bit at a time," Risebrough says.

"Every university has responded to the same demographic pressures and changing needs and expectations of its residents. We're dwarfed by the University of Michigan which has 12,000 beds compared to our 6,000."

But Risebrough can't deny her many achievements that have made UBC's student housing operation Canada's largest.

It wasn't quite the goal she set out with when, with her youngest child ready to enter kindergarten, she decided to look for work outside the home, but still close to it.

Hired by what was then called UBC's Dept. of Residences, she was promoted into the professional ranks quickly, becoming residence administrator within five years.

In 1981, she was asked to stand in for the department's director who resigned in the middle of major renovations to the student residences.

"They had a very institutional feel. Everything was cream, brown and vinyl," Risebrough recalls with a distasteful tone of voice.

She also remembers being extremely busy, juggling her responsibilities as residence administrator with those of a parent, part-time student and acting

director, overseeing a budget plan to fund renovation projects.

But time management came easily to Risebrough, a skill she credits to a year spent working as a fletcher, making compressed wood arrows, at a rate of about 24 dozen each day.

"There were a lot of steps involved in the manufacturing process which had been invented by the owner-operator of the arrow plant," she explains. "I was a one-person assembly line which taught me many things, especially how to manage my time."

At UBC, she sensed another opportunity to hone her skills and tossed her hat in the ring when a national search was conducted to find a new director.

One of the first new student housing projects she undertook,

Gage Apartments, is a source of particular pride for Risebrough. Built in 1983/84, it was one of North America's first apartment-style campus residences that could also accommodate students with disabilities.

The same respect for the living needs of others is evident in her community work. In 1992, Risebrough was elected to the board of directors of the Coast Foundation Society, a non-profit organization which provides housing and services to mentally ill adults.

Her involvement with Coast stems from a passionate belief that everyone should be provided with a variety of choices, and the realization that people have needs and that those needs change.

Building community, as well as housing, is central to the way she does business. That's why Risebrough has spent a lot of energy developing and maintaining a high quality residency life program at UBC.

Each campus residence area has a live-in residence life manager, a professional staff member who supervises a team of students who are trained as peer counsellors.

In total, a team of more than 115

student and staff advisers are ready to respond to tenants' concerns that go well beyond reports of leaking faucets, including drug and alcohol abuse and suicide prevention.

Behind Risebrough's compassion is a set of sharp entrepreneurial skills, never more apparent than when she negotiated the lease of Fairview Crescent Residences, a housing project for single students completed in 1985, to Expo '86 staff for one year.

The profit from that venture was enough to initiate construction of phases two and three of Acadia Park, a family housing project with more than 530 units, including apartments and townhouses.

Other projects shepherded by Risebrough include Ritsumeiken-UBC House — fondly called 'the Ritz' by some UBC staffers. Completed three years ago, it provides accommodation for 200 students participating in an international exchange program between Japan's Ritsumeiken University and UBC.

Currently, she is overseeing the construction of the university's \$36-million Thunderbird Residences, located between East and West Mall on Thunderbird Blvd.

Site A, comprising four buildings, became the new home of 234 tenants in January. Sites B and C, containing a total of six buildings, are scheduled to open May 1 and will house another 400 students.

The project is another example of Risebrough's determination to provide choices, in this case, year-round, unfurnished accommodation for what she describes as 'non-traditional' undergraduate and graduate students.

"Many graduate students are of a mature age who have lived on their own, accumulated furniture and are accustomed to privacy. Thunderbird is designed to meet their specific needs," Risebrough says.

Residents of the complex may also

choose to share with a roommate and pay for their accommodation in monthly installments, she adds.

Keeping an eye to future needs, Risebrough co-applied with UBC's Telecommunications Services for an Innovation Fund grant to have Thunderbird wired for Internet connectivity.

The project is another example of her commitment to creating community.

"Thunderbird is purposely sited to bridge the residence community with the wider campus community," she says. "The complex links Totem Park Residence to the Thunderbird Winter Sports Centre and Fairview Crescent Residences. It brings life to the streets and people feel safer."

Also under Risebrough's stewardship, the department's original mandate of managing student residences and a summer conference centre has expanded to include faculty and staff rental housing, a year-round conference centre operation and child care services.

Risebrough's success in her field has not gone unrecognized.

Both the Northwest Association of College and University Housing Officers and the Association of College and University Housing Officers International have presented her with their highest service awards.

In 1990, she was honoured with a UBC 75th Anniversary Medal for her outstanding contributions to the university.

Risebrough feels genuine accountability for everyone in her care — 250 children in child care centres, 6,000 students and family members in residences and a staff of about 350 people.

But when asked if she misses the responsibility of housing her own brood — a blended family of eight adult children living independently — her answer vaults from a surprisingly deep laugh.

"No way."