UBC Archives Serial

CONGREGATION ISSUE

UBC Reports

Vol. 35 No. 11 May 31, 1989

Honorary degrees a tradition

UBC's tradition of conferring honorary degrees is a part of a practice that dates back to 15th century England.

But it was in the North American colonies that the idea really took root. Harvard was the first colonial university to take up the practice, conferring honorary degrees on its president and two faculty members in 1692. As one scholar wryly reported, the process ensured that all members of the faculty of the "mother of American universities" possessed the qualifications to appropriately confer degrees on the students under them.

UBC offered its first honorary degrees in 1925 at the old Fairview Campus. Lieutenant-Governor Walter Nichol and Sir Arthur William Currie, then principal of McGill, headed the list.

"It wasn't as idyllic as the photos would indicate," said UBC Archivist Chris Hives. "Conditions at the Fairview Campus were so crowded that classes were being held in attics and church basements. It was intolerable, really."

The overcrowding led to a major student protest known as the Great Trek. The B.C. government responded, accelerating construction of the new university at the Point Grey site, and by 1926 the move was complete.

Since 1925, many famous Canadians have been the recipients of honorary degrees from UBC.

Prime Minister Pierre Elliot Trudeau (1986), author Robertson Davies (1983), ballerina Karen Kain (1988), industrialist Cecil Green (1964), poultry scientist Beryl March (1988), painter A.Y. Jackson (1966), and composer Jean Coulthard (1988) have all taken their place at the podium.

The gowns, hoods and hats worn by honorary degree recipients, students and faculty members have evolved from every day clothing worn by scholars in the Middle Ages.

The academic gown worn by graduating students is a modern equivalent of the scholar's large overcoat. The hood, lined with the color to indicate the degree to be granted, is all that remains of a large parka-style hood that was attached to a scholar's robe.

Another Congregation tradition that dates back to the Middle Ages is the wooden mace, which is carried into the gymnasium by a member of the Congregation procession. UBC's mace was designed and carved in 1959 by Native artist George Norris.

During the ceremony, the dean or nominee of each faculty presents all graduating students to the Chancellor. When the student's name is read out, he or she crosses the stage and kneels on a padded stool in front of the Chancellor. The Chancellor taps the student on the head with his mortarboard and says "I admit you."

By GREG DICKSON

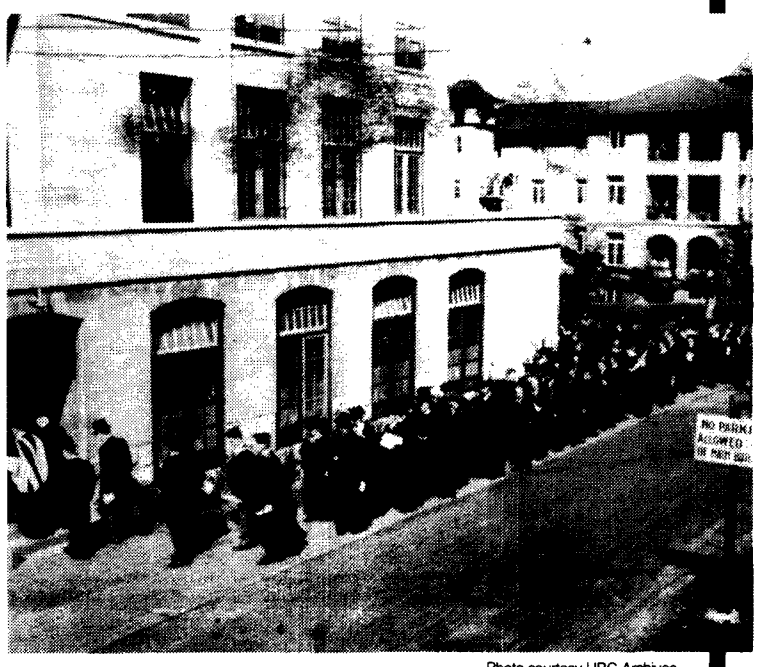


Photo courtesy UBC Archives

Faculty and students file into the Arts building on the old Fairview campus for the 1925 Congregation ceremonies.

President Strangway

As I watch the proud faces of the graduates today, I'm reminded, as I am at each Convocation, that people are what a university is all about.

Since UBC first opened its doors 74 years ago, many thousands of students have walked across the stage to receive their degrees—each with his or her individual hopes and dreams.

They can now be found throughout the province, the country, indeed, all over the world in diverse occupations and professions, in government and industry, contributing in many ways to society's economic and cultural growth.

They have used their education in creative and innovative ways where they saw an opportunity or need. Universities have a big part to play in being sensitive to the challenging and changing issues of our global community.

Over the next few years, you will see new campus buildings built, endowed chairs established, new fellowship programs begun and new equipment purchased to keep the university in step with changing times.

UBC's recently launched fundraising campaign will give faculty, researchers and students the tools they need to fulfill our commitment to excellence in teaching and research as we take another step towards our goal.

As part of this goal, our new Chemistry/Physics building will open this September and the provincial government is funding a new student services centre to improve our ability to serve students.

Over the next 10 years, we will work closely with B.C. colleges to ensure degree granting opportunities in other parts of the province. At UBC, we will add graduate student places to be sure that our society is equipped for increasingly complex times.

These are exciting times for UBC, and for our graduates at Convocation today. I wish each and every one of them the best of luck for the future.

UBC President David W. Strangway

Photo by David Gray

Grad student wins gold for her work on Tibet

The 1989 Governor-General's Gold Medal for outstanding academic achievement has been won by Arts student, Anne MacDonald, a Tibetan scholar and linguist.

Gold and silver medal awards are given annually to the best graduate student (who must be in a master's program) and undergraduate student respectively at each Canadian university.

MacDonald, who earned her MA in Religious Studies last November, graduating with a 93.7 per cent average, is currently enroled in a PhD program in Asian Studies at UBC.

High academic standing is one criterium for the gold award, but as James Russell, Associate Dean of Graduate Studies, points out, the research quality of a student's thesis is also a major factor.

Fully fluent in Tibetan, MacDonald is one of a handful of researchers in the world who are experts in Tibetan literature. Her master's thesis involved the translation of a 14th century Tibetan religious text.

The awards selection committee judged MacDonald's research to be of international calibre, Russell said.

"Her research goes well beyond the bounds of traditional Tibetan scholarship," he added.

MacDonald

MacDonald's interest in religious philosophy was sparked by her travels through India after she completed her BA in Anthropology at Hamilton's McMaster University in 1979. Although she never visited Tibet, she studied for five years with a traditional Tibetan scholar after returning to Canada to better understand the country's literature.

"There's an oral commentary that has been handed down over the years which accompanies the older Tibetan texts," MacDonald explained.

In her doctoral program, she wants to broaden her study of ancient philosophical texts and to that end is intensifying her study of Sanscrit, an early Indian language. She eventually hopes to do research on early Tibetan literature preserved in libraries in north India--material that was saved from destruction during the Chinese invasion of Tibet in 1959.

The silver medal winner, Donald Krawciw has finished every course he has taken at UBC with first class honors (80 per cent or higher). The 23-year-old Burnaby science student had a 97.3 per cent grade average this year.

Krawciw's major interest is biochemistry, but he said what led him into the sciences was an interest in everything.

"I opted for the sciences in an effort to answer questions about the world. Why is the grass green? Why is blood red? It's amazing how many questions about the world around us are hard to answer," he said.

Krawciw is also an accomplished violinist. He took up the instrument when he was nine and has played with the Vancouver Youth Symphony.

What's next for this young scholar? He is now taking electrical engineering courses at the University of Waterloo.

"I'm thinking about getting into biomedical engineering," he said

27 prizewinners

The best in their class

Twenty-seven students finished at the top of their graduating classes at UBC. Listed below are the names of the students and their awards. (Students are from Vancouver unless otherwise noted.)

Association of Professional Engineers Proficiency Prize (Most outstanding record in the graduating class of Applied Science, BASc. degree): Andre Marziali (North Vancouver, B.C.).

Helen L. Balfour Prize (Head of the graduating class in Nursing, BSN degree): Helen Liese Braun (Clearbrook, B.C.).

British Columbia Recreation and Parks Association, Professional Development Branch Prize (Head of the graduating class in Recreation, BRE degree): Laurie Anne Cooper (Whistler, B.C.).

Dr. Maxwell A. Cameron Memorial Medal and Prize (Head of the graduating class in Education, Elementary Teaching field, BEd degree): Charlotte Marie Genschorek.

Dr. Maxwell A. Cameron Memorial Medal and Prize (Head of the graduating class in Education, Secondary Teaching field, BEd degree): Dawn Bernice Jakovac (Burnaby, B.C.).

Ruth Cameron Medal for Librarianship (Head of the graduating class in Librarianship, MLS degree): Susan Lorraine Leitz.

College of Dental Surgeons of British Columbia Gold Medal (Head of the graduating class in Dentistry, DMD degree): Sally N. Willetts James (North Vancouver, B.C.).

Professor C.F.A. Culling -- Bachelor of Medical Laboratory Science Prize (Greatest overall academic excellence in the graduating class of the Bachelor of Medical Laboratory Science degree): Eunice Yeoh (Richmond, B.C.).

Dr. Brock Fahrni Prize in Occupational Therapy (Head of the graduating class in Rehabilitation Medicine, Occupational Therapy, BSc(OT) degree): Carol Jean Redekopp (Black Creek, B.C.).

Dr. Brock Fahrni Prize in Physiotherapy (Head of the graduating class in Rehabilitation Medicine, Physiotherapy, BSc(PT) degree): Jane Grace McLeish (Victoria, B.C.).

Governor-General's Gold Medal (Head of the graduating classes in the Faculty of Graduate Studies, master's programs): Anne Elizabeth MacDonald.

Governor-General's Silver Medal (Head of the graduating classes in the Faculties of Arts and Science, BA and BSc degrees): Donald William Krawciw (Burnaby, B.C.). (Faculty of Science)

Hamber Medal (Head of the graduating class in Medicine, MD degree, best cumulative record in all years of course): William Edward Naaykens.

Horner Prize and Medal for Pharmaceutical Sciences (Head of the graduating class in Pharmaceutical Sciences, BScPharm degree): Andrea Marion Williams (North Vancouver, B.C.).

Kiwanis Club Medal (Head of the graduating Class in Commerce and Business Administration, BComm degree): Lynneth Duy Tiu.

Law Society Gold Medal and Prize (Head of the graduating class in Law, LLB degree): Karen Sylvia Thompson.

H.R. MacMillan Prize in Forestry (Head of the graduating class in Forestry, BSF or BSc Forestry degree): Werner Kurt Stump (Malakwa, B.C.).

Dr. John Wesley Neill Medal and Prize (Head of the graduating class in Landscape Architecture, BLA degree): Geoffrey Dugald Godderham and Dana Jeanine Young (Richmond, B.C.). (shared).

Physical Education Faculty Prize (Head of the graduating class in Physical Education, BPE degree): Colleen Patricia Quee.

Royal Architecture Institute of Canada Medal (Graduating student with the highest standing in the School of Architecture): Frances Ann Schmitt (West Vancouver, B.C.).

Wilfrid Sadler Memorial Gold Medal (Head of the graduating class in Agricultural Sciences, BScAgr degree): Linda Louise McElroy (Sicamous, B.C.).

Special University Prize (Head of the graduating class in Family and Nutritional Sciences, BHE degree): Sharon Louise Delparte.

Special University Prize (Head of the graduating class in Fine Arts, BFA degree): Amir A. Alibhai (Burnaby, B.C.).

Special University Prize (Head of the graduating class in Music, BMus degree): Christopher Foley.

Majorie Ellis Topping Memorial Medal (Head of the graduating class in Social Work, BSW degree): Kirsten Dressler (Williams Lake, B.C.).

University of B.C. Medal for Arts and Science (Proficiency in the graduating classes in the Faculties of Arts and Sciences, BA and BSc degrees): Stephanie Patricia Lysyk. (Faculty of Arts)

Real estate a family affair for Charltons

By JO MOSS

Tracy Charlton always knew she was going to end up in the real estate industry. "It's in my destiny," she says, half-joking.

Between them, the Charlton family has 33 years of real estate experience and now the youngest member of the family is about to join what is almost a family tradition.

Tracy is nearing the end of a gruelling six months of correspondance courses, part of a province-wide mandatory pre-licensing program offered by the Real Estate Division at UBC. She hopes to graduate this July and join her mother selling real estate in Surrey. Meanwhile one of her sisters leases and sells commercial property in Vancouver; the other has her real estate agents licence.

When Tracy left high school she started work for the City of Burnaby, intending to stay only a year or two. Now, eight years later, she is ready for a change.

"It's time. I'm ready for the commitment," she says emphatically. Many of her 1,600 "classmates" in the current pre-licensing program are also making a career change.

Selling real estate is a big commitment, says Robert Laing, director of UBC's Real Estate Division.

While Tracy knows her future profession will involve hard work and long days, other prospective graduates are sometimes not so well prepared, Laing said. It's one reason for the high attrition rate in the industry.

"To succeed takes an awful lot of hard work and a high degree of professionalism. It's certainly not a nine-to-five job," Laing said.

Between 2,000 and 3,000 people sign up each year for one of the division's four pre-licencing programs and more than 7,000 for the division's other specialized training programs. Demand for the pre-licencing course was so high that prospective students usually found themselves on a 12-month waiting list. This year, the Real Estate Council of B.C., the industry's licencing and regulatory body, lifted a licencing quota which had been in place since 1974.

Pre-licencing courses attract people with a variety of backgrounds and education, Laing said. However, the division recommends students have at least Grade 12 since real estate law makes up a large part of the course and because students need basic algebra skills for some of the financial calculations. The division also offers lectures in three B.C. locations, as well as on campus, to supplement course material.

"We have to throw every possible thing at the student that they will encounter in their day to day practice," Laing said.

Once students have passed the final exams--and about 70 per cent succeed--they must take a mandatory post-licencing course through the B.C. Real Estate Association.

There are currently 13,000 people licenced to sell real estate in the province. After a few years' experience, some choose to specialize in other areas of the industry.

One area might be Urban Land Economics which is also offered by the Real Estate Division. The gruelling four-year diploma program includes sophisticated mortgage financing, property management and appraisal, and economics. Graduates qualify for membership in the Real Estate Institute of B.C.

The division, which celebrates its 30th anniversary this year, also offers other post-licensing training: a notary public preparatory course, a real estate agents program and a mortgages program.

12 undergraduates are Wesbrook Scholars

Twelve UBC students have been named Wesbrook Scholars, becoming the first to receive the new honorary designation for outstanding achievement among undergraduates.

Each year a maximum of 20 students will be named Wesbrook Scholars. They will receive a certificate and a memento and the designation will appear on their permanent record.

To be eligible, students must be in their penultimate or final year of undergraduate studies or a professional program, in the top 10 per cent of their faculty or school and demonstrate the ability to serve, work with and lead.

The awards are sponsored by the Wesbrook Society, an organization of the university's major benefactors.

This year's Wesbrook Scholars are: Helen Braun, Nursing; William Craig, Science; Sharon Delparte, Family and Nutritional Sciences; Craig Ferris, Law; Heidi Haslinger, Bio-Engineering; Kathleen Hussey, Social Work; Olivia Lee, Law; Jonathan Moss, Forestry; Jane McLeish, Rehabilitation Medicine; Gordon Murphy, Mechanical Engineering; David Stevens, Engineering Physics; Robert Strang, Medicine.

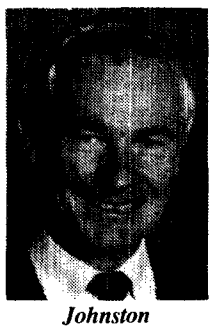
6 awarded honorary degrees

By GREG DICKSON

Actor Raymond Burr is one of six prominent Canadians who will receive an honorary degree from the University of British Columbia at Spring Congregation ceremonies, May 31-June 2.

Rogers

"Raymond Burr is a man who has brought countless hours of entertainment to many generations, and he has also been active in charitable work here in British Columbia," said UBC President David Strangway. Burr will receive his degree June 1.


Johnston

Honorary degrees will also go to former Lieutenant- Governor Robert Rogers, David Johnston, Principal of McGill University, Frank Iacobucci, Chief Justice of the Federal Court of Canada, John MacDonald, Chairman of MacDonald Dettwiler and Associates and William Holland, Professor Emeritus of Asian Studies.

Burr is best known for his television work, winning two Emmy awards for Best Leading Actor in the Perry Mason series. A native of New Westminster, he is active in charitable work for the Royal Columbian Hospital.

Iacobucci

Robert Rogers was born in Montreal and educated at the University of Toronto. Rogers was president of Crown Zellerbach Canada and a chairman of Canada Harbour Place Corp. before serving as Lieutenant-Governor of British Columbia from 1983 to 1988.

David Johnston served as Dean of Law at the University of Western Ontario before taking up the post of Principal and Vice-Chancellor of McGill University in Montreal, where he guided the institution through a difficult period in its development. He is respected for his work on behalf of Canadian universities.

MacDonald

Frank Iacobucci has earned two degrees from UBC, a Bachelor of Commerce and Bachelor of Law. He was called to the Ontario Bar in 1970. He was Dean of Law, then a Vice-President of the University of Toronto and served as Deputy Minister of Justice and Deputy Attorney General of Canada before his appointment as Chief Justice of the Federal Court.

John MacDonald was born in Vancouver and holds a BASc from UBC. As Chairman of MacDonald Dettwiler and Associates, he is recognized as a leader in B.C.'s high-tech industry.

Holland

William Holland was born in New Zealand and founded UBC's department of Asian Studies in 1961. He served as research director of the Institute of Pacific Relations in the 1930s and 1940s where his work was fundamental in the formation of post-war Allied policy in Asia. Holland is recognized as a founder of Asian Studies in North America.

Top Athletes

Perrie Scarlett and Melanie Slade are UBC's top athletes of 1989. Scarlett, captain of the Thunderbirds basketball team, was selected by his teammates for the Brian Upson award as most inspirational player. He was the most valuable player at the York University Excalibur Classic Tournament in December and was named to the Canada West All-Star team last year. Slade was captain of the women'sThunderbird field hockey team and has been named to the CIAU All-Canadian first team the last three years. She was also a Canada West All-Star in 1987 and 1988. Slade was a member of Canada's 1988 Olympic team and was top scorer in the B.C. Indoor Championships and in the CWUAA Field Hockey competition. She is one of only three athletes in UBC's history to be named top athlete two consecutive years.

University of Ottawa grants Levy honorary degree

UBC Microbiology Professor Julia Levy will be granted an honorary doctorate in the health sciences from the University of Ottawa on June 12.

Levy is being honored for her work on a cancer therapy called photodynamics. The therapy uses light to activate complex, naturally occurring molecules called porphyrins which help to destroy cancer cells while leaving healthy ones unaffected.

Levy is a founder and Vice-President of Research and Development at Quadra Logic Technologies Inc., a Vancouver-based biotechnology company.

She is also a fellow of the Royal Society of Canada and holds a Medical Research Council of Canada Industrial Professorship.

Past honors include a Killam Senior Research Award and a B.C. Science Council Gold Medal.

Relic of the 1960s, course still a 'groovy' education

By PAULA MARTIN

They don't wear bellbottom trousers or go-go boots any more, but students enroled in UBC's Arts One program are still getting what their parents would have called a groovy education.

Arts One is one of a handful of surviving experimental programs that flourished at North American universities during the 1960s.

"In general, programs such as this were a response to the demands of students in the 1960s to break away from narrow specialization and forge a multidisciplinary approach to learning," said English professor and Arts One instructor Thomas Blom.

"When the program first started, the counterculture movement was exploding across North America. In its early years, the program attracted a lot of wild-haired, hippie kids."

The alternative arts program began in 1967. Now, as then, first year Arts students study a reading list of major fictional and non-fictional works, under such topic headings as The Individual and Society, Force and Freedom, and The Search for Significance.

"It focuses on major works of human accomplishment, both intellectual and imaginative, down through the ages," Blom said, citing Plato, Shakespeare, Hobbes, Marx and Freud as mainstays of the reading list.

The Arts One program satisfies the requirements for nine of the 15 credits first year students need. They are also required to take two three-unit courses to satisfy their year.

Blom said that the 200 students who will fill the 1989-90 program will attend a two-hour formal lecture each week, two 1 1/2 hour seminars, and a tutorial.

"Thus, three-fifths of the students' time for a week concentrates on the study of one significant text," he said. "By the end of the year I think they truly appreciate their mastery of difficult ideas, as well as thinking and writing skills they have gained."

Blom, who teaches 18th century English literature, said the benefits of Arts One go beyond the course material.

Individual attention is paid to each student, many of whom have come from enriched high school courses or international baccalaureate programs. Students develop close ties to their teachers and lasting friendships with their peers.

The five faculty members who teach in the program come from a cross-section of Arts departments, including English, Classics, Economics and History.

When the program was introduced, it was described as "the most fundamental change in curriculum in the history of the Faculty of Arts."

"In the late 60s, Arts One was disturbing to a lot of faculty members, some of whom may still believe that Arts One is a kind of loose-jointed, taught by aging hippies, course," Blom said.

"The truth of the matter is otherwise. Arts One is an exciting, intellectually demanding course for those first-year students who wish to concentrate their energy on the study of great ideas."

Grad Studies marks 40th anniversary

By PAULA MARTIN

UBC's Faculty of Graduate Studies celebrates its 40th anniversary this year. Almost 4,200 graduate students are pursuing master's and doctoral degrees at UBC in more than 135 fields of study, ranging from Adult Education to Zoology.

The importance of graduate studies to any university must not be underestimated, says Peter Suedfeld, Graduate Studies dean.

Graduate education prepares highly selected students to be fully qualified professionals and scholars in the humanities, social sciences and sciences, he said.

The interaction between graduate students and faculty members helps both in the pursuit of new knowledge and in the transmission of the excitement of scholarship to others, he said.

"The contact with graduate students keeps the existing faculty open to new ideas and new approaches."

As part of a new higher education strategy, Advanced Education Minister Stan Hagen announced in March that 1,800 graduate spaces will be created in B.C. during the next six years.

UBC's share of spaces amounts to 1,450, which will help the university achieve its goal of increasing graduate enrolment to 6,000.

"With the thrust in President Strangway's mission statement and the direction which support from the provincial government is being channelled, obviously graduate education will take on an even larger role at UBC," Suedfeld said.

He added that with the increasing emphasis on graduate education, a review of programs will be necessary to look at their quality and capacity to absorb more students.

The Faculty of Graduate Studies is also responsible for administering and fostering interdisciplinary units for teaching and research at UBC.

Among the many units that fall under its auspices are the School of Community and Regional Planning, the institutes of Applied Mathematics, Asian Research and International Relations, the centres for Human Settlements and Westwater Research, and programs in Neuroscience and Resource Management Science.

Suedfeld said there are several proposals for new centres and institutes on the drawing board.

One is for a CIDA Centre for Excellence on sustainable natural resource development, which would educate Canadian and Third World students.

Other proposals include an institute of health promotion, which would be a multidisciplinary health and related sciences centre for research and graduate teaching, and a fisheries and aquatic sciences centre.

Patients win when doctors, engineers join forces

By JO MOSS

An innovative UBC research engineer is applying engineering concepts to medicine to ensure patients who undergo surgery are at less risk from anesthesia.

In UBC's Orthopedics department, Martine Breault is testing a pressure sensor and accompanying specialized tourniquet system which monitors anesthetic drugs during surgery and safely arrests blood flow.

The prototype device enables surgeons to operate with a less-hazardous local, instead of general anesthetic, allowing the patient a faster and easier recovery.

Marrying engineering to medicine to help doctors and patients benefit from improved surgical procedures and equipment is a new and fast-growing field called biomedical engineering. About 40 UBC graduate and undergraduate engineering students are currently collaborating with biomedical engineering units at Vancouver General Hospital and University Hospital, UBC site, to solve real-life medical problems.

Jim McEwen, director of the biomedical engineering units, says good engineers can see different ways to approach problems in an operating environment.

"In the course of a four-month student project, we often go from defining the problem to having a solution implemented in a clinical environment. That's a very rapid development," he said.

Photo by Kent Kallberg

UBC's Martine Breault has helped develop a pressure sensor to help surgeons in the operating room.

Breault helped develop a better pressure sensor and supporting computer hardware and software programs while still a graduate student in Mechanical Engineering. The device measures pressure applied by a tourniquet or other constriction on a patient's body. When used in the operating room it warns surgeons when pressure levels are too high.

"Too much pressure can result in further patient injury, such as damage to internal tissue or the nerves," Breault explained.

Traditional pressure sensors are bulky, rigid stainless steel or aluminum instruments, routinely used in a variety of hospital settings. The improved model is a slip of sterilized plastic encasing an electronic circuit. Small and light, it checks constriction more easily and effectively, and is ideal for use in surgery because it's thin and flexible enough to slip between layers of soft tissue, like muscle or skin.

Breault is working with surgeon Dr. Richard Claridge in Orthopedics putting the pressure sensor and customized tourniquet cuffs through a series of clinical tests with patients undergoing foot surgery.

B.C. businesses play an important part in UBC's current research and development of biomedical devices and McEwen said the unit is aggressive in canvassing industry participation. Some medical companies, for example, fund research projects and determine the feasibility of mass-producing and marketing the final product.

But many companies are slow to see research collaboration as an opportunity.

"We don't get the maximum value from the technology we develop because it is not as widely applied or commercialized as it should be," McEwen said.

Plans are under way to set up a formal Biomedical Engineering initiative at UBC in the Faculty of Applied Science in collaboration with the faculties of Medicine and Science and local hospitals and companies. The proposal, which has been well received by health-care agencies and B.C. manufacturing companies, is currently waiting for final approval from the provincial government, McEwen said.

First Phys. Ed. grads hold reunion

By JO MOSS

Mike White can't make Congregation this year, he's fishing in Campbell River.

But Margaret Willis from Vancouver will be there, and Barry Thompson is flying in from Fredericton, N.B.

Both are looking forward to meeting classmates they haven't seen in 20 or 30 years, perhaps not since they all graduated in 1949 from UBC's first Physical Education program.

Many of the 42-member graduating class will be attending this year's Congregation ceremonies as part of their 40-year reunion. Now in their 50s and 60s, many still live in the Lower Mainland. Others are coming from the Interior, Vancouver Island and eastern Canada.

Five graduates have moved and couldn't be located. One is deceased.

Willis (nee Laing) was one of nine women in the program. She had enroled in first year Arts at UBC, but when the Physical Education program opened, she transferred immediately.

"I wasn't a super athlete, but I enjoyed the program," recalls Willis, adding that the women in particular, were a close-knit group and many kept in touch over the years.

Like the majority of her classmates, Willis became a teacher instructing English and Physical Education at a Vancouver high school. After a 29-year career, she took early retirement five years ago.

Graduates of the 1949 Physical Education program, UBC's first, gather around their graduation photo, which was taken only four years ago.

Classmate Reid Mitchell was signed up for military duty while still in high school. But the war was over by the time he graduated and he found himself at UBC instead. Mitchell says he always wanted to be a physical education teacher, but until UBC began its program in 1946, the only training available was in eastern Canada and the U.S.

At UBC, Mitchell was co-captain of the Thunderbird basketball team and represented Canada at the 1948 Olympics in London, England. Classmate John Pavelich was also at the Olympics, on Canada's track and field team.

Mitchell joined UBC's Education faculty in 1959, retiring three years ago with the distinction of being the faculty's longest serving director of student teaching--for 16 years.

Classroom facilities for the class of 1949 were makeshift, Mitchell recalls. Classes were held in the old gym, which has long since been torn down, and in wooden army huts scattered on campus. (The Scarfe -Education - building wasn't constructed until the early 1960s). Swimming instruction was at the old Crystal pool at English Bay, while handball and squash classes were held at the downtown Vancouver YMCA.

Four years ago, the class of 1949 sought to remedy a 36-year oversight--they were the only Physical Education class that didn't have a group graduation photo taken. Individual photos were compiled to correct that omission.

After Convocation ceremonies, the class will have a chance to catch up on the news at a special reception. A reunion golf tournament and alumni scholarship dinner and dance are also scheduled later this month.

Advertising approved for UBC Reports

UBC Reports will begin accepting classified and display advertising beginning with its Sept. 7 edition.

The move is designed to help recover costs as well as increase the size and upgrade the content of the award-winning paper.

The move to advertising has been approved by the UBC Reports Advisory Committee, which also set out a guidelines for the acceptance of ads.

The guidelines state that:

The paper will not accept advertisements for alcoholic beverages, tobacco products or advertisments promoting the special interest of advocacy groups.

Advertisement containing material considered to be racist, sexist or in violation of the B.C. and Canadian Human Rights Code will not be accepted.

The Editor-in-Chief will determine whether proposed advertisements fall within these guidelines. The UBC Reports Advisory Committee will act as final arbiter in any unresolved disputes over the application of the guidelines.

Members of the committee are: John Dennison, David Dolphin, Dr. Morton Low, June Lythgoe, Pat Marchak, Don Whiteley and Howard Fluxgold.

Rates and procedures will be outlined in future issues of UBC Reports.

Clearbrook student wins UBC essay competition

A Clearbrook high school student has won first prize in the 1989 UBC Essay Competition.

Michael Ross, a Grade 12 student at W. J. Mouat Secondary School, won for his essay entitled "Imagination and Knowledge."

"The aims of the UBC Essay Competition are to promote good writing, which means encouraging literate, linguistic, intellectual and expressive skills," said English Professor Jack Stewart, chairman of the essay competition committee.

Ross, 18, plans to put his $1,500 prize money towards university tuition.

More than 2,000 entries were received in the Feb. 6 competition, which is open to Grade 12 students in B.C and the Yukon. Students were given three hours to plan, write and revise their work.

Second place and a $1,000 prize went to Christopher Taylor of St. George's School in Vancouver. Third place went to Andrea Cserenyi of Little Flower Academy in Vancouver, who received a $500 prize.

Twenty-two book prizes for distinguished performance were also awarded.

Bookstore leads comeback of old school tie

By GAVIN WILSON

That most preppie of accessories, the traditional school tie, is making a comeback in Canada -- and UBC is leading the trend.

Shunned by all but the most conservative of students and faculty during the anti-establishment days of the 1960s, ties are now proudly displayed by alumni.

"Up until the late 1970s you couldn't get anybody to wear a university tie. Now, the pendulum is swinging back again," says the man behind the resurgence, UBC Bookstore Director John Hedgecock. "It's quite surprising how they've taken off."

The bookstore now sells thousands of ties each year to students, faculty, staff and tourists, and also supplies ties in 15 designs for 10 other universities across Canada.

Hedgecock was born and raised in Britain, where school and regimental ties are as traditional as tea and crumpets. When he first saw the "dreadful" old UBC tie, which gathered dust on bookstore shelves, he felt it could be successfully redesigned.

During a vacation in England in 1985, he found a mill in Yorkshire that could do the fine weaving necessary to reproduce the intricate details of the university coat of arms.

"Believe it or not, there are not many left in the world who can do this kind of work. But the British have generations of experience," he said.

The result was a tie that drew admiring looks, including those of colleagues at other institutions who met Hedgecock at book industry functions. Now UBC supplies ties for the University of Toronto, McMaster, Western Ontario and Simon Fraser, among others. New orders continue to come in.

There are three styles available here: the UBC tie, the UBC Graduate and the more contemporary Point Grey design. A fourth is planned to commemorate UBC's 75th anniversary next year. For women, there are scarves and bow ties with the same motifs.

Fit To Be Tied

UBC Bookstore Director John Hedgecock displays an array of school ties which are supplied to 10 Canadian universities.

Students of ESL blessing in disguise

By GAVIN WILSON

The growing number of students in B.C. schools who are learning to speak English as a second language (ESL) could turn out to be a blessing in disguise, say UBC researchers.

Although the swelling ranks of ESL students are taxing the resources of some school districts, researchers say their experiences can be an opportunity to learn more about how we all learn language.

"They're not taking away from the quality of education," said Bernard Mohan, a professor in UBC's Department of Language Education who is studying how ESL is taught in Vancouver schools.

"This type of study will benefit all students by pointing to better ways of teaching language skills."

Mohan and professors Margaret Early and Hugh Hooper are working with 75 teachers and principals under the Vancouver School Board's ESL Fund for Excellence Project to find out how to improve instruction.

In the Vancouver school district, 47 per cent of all students speak English as a second language. Their backgrounds are diverse, but most are Chinese, East Indian or Vietnamese. Province-wide, ESL students account for 17 per cent of the student population.

Nurse's graduation a family affair

By JO MOSS

Monica Sterritt has been too busy looking for a restaurant big enough to hold 40 relatives coming to her graduation to get excited about the ceremony.

Sterritt, a member of the Hazelton band, is the first person in her extended family to earn a university degree--a baccalaureate in nursing.

Proud relatives are coming from the Kispiox band in Prince Rupert, her father's side of the family, and from her mother's band, the Sheshaht, on the west coast of Vancouver Island, to see her graduate.

"I keep telling them I'm only going to be on the stage for a couple of minutes, but they still want to come," says the Campbell River native, shaking her head in disbelief.

Sterritt, 23, knew since Grade 9 that she wanted to be a nurse. She says she shocked a lot of people in her high school class by coming to UBC.

"I wasn't top of the line and here I was writing the provincial exams in Grade 12 with all these brainy people. I thought, 'What am I doing here?'"

Taking classes at a university about the size of her home town was almost too big an adjustment for a shy teenager, she recalls. She credits her parents with helping her stick to her ambition after she failed first year.

"I was so depressed. But my parents said, 'Look, you did something we've never done. If you want to go back, go back,'" Sterritt said.

After a formal appeal to nursing school, she re-entered the program on probation, "and then I worked my buns off to make sure I made it."

She also worked part-time at a specialty cookie outlet to help finance her studies.

Now Sterritt has a job at University Hospital on campus, and big plans--to work for a year, travel to Australia, perhaps Hawaii, and eventually work in public health.

"I'm seeing the doors open for a lot of different things I can do with my career, things that I couldn't have done if I'd stayed home and worked," she said. "Over the years, I'd ask my mother why am I doing this? Why am I putting myself through this? Now, I'm glad I did it."

In winning her personal battles, Sterritt has also learned a great deal about her identity.

"I didn't know a lot about status and non-status until I started writing papers on Native women's rights," she said. "Those were some of my better-written papers because I had a lot of emotion."

In 1985, halfway through the four-year program, she applied to regain her Native Indian status, a move made possible by new federal legislation that year. Her family lost its status two generations ago.

Now, one of her long-term goals is to become involved in a program that encourages Native people to take advantage of post-secondary education. It's an issue she feels strongly about.

One of only a handful of Native people to enrol in UBC's nursing program, Sterritt says a mentor program for Native people would be one way to help them adjust to university life.

She's starting already, being a role model to a younger cousin who is only six. "I know I can't change the world, but I have my plans," she said.

First Nations need own health care professionals

By GAVIN WILSON

One day, it will be a common occurrence for First Nations (Native Indian) students to stride across the Convocation stage to claim degrees in the health sciences.

This, at least, is the vision of the Native Health Care Profession Program, a three-year development project begun in 1988 to recruit Native students into health care programs at UBC.

First Nations communities, many of them in remote areas of the province, urgently need their own doctors, nurses, dentists, therapists, pharmacists and nutritionists, said program coordinator Angie Todd-Dennis.

They are needed to address specific problems in their communities such as substance abuse, child neglect, nutrition, and pre- and post-natal care. The program also aims to revive traditional medicinal and healing practices and incorporate them into the training of First Nations health professionals.

"It's a well documented fact that there is a very serious need for proper health care for our people. There is a lack of hospitals in outlying areas and a high turnover among non-native health care professionals," said Todd-Dennis.

Elders and traditional healers are being consulted, but they are cautious about sharing their knowledge. Many of the healing practices are sacred, passed down orally through the generations to select individuals and are not for public consumption.

"We need the approval of elders to see what is appropriate," Todd-Dennis said.

The health care program is sponsored by UBC's First Nations House of Learning, an organization started in 1987 to help the university better serve the needs of B.C.'s first people.

The House of Learning's goals are to make the university more accessible to First Nations students, make course offerings more relevant to Indian people and increase First Nations enrolment in faculties that have not traditionally attracted Native students, such as medicine, commerce, agriculture, science, engineering, architecture and forestry.

UBC currently has about 150 First Nations students, most of them enroled through programs in law and education. Twenty will pick up their diplomas at Congregation, 16 of them graduates of the Native Indian Teacher Education Program, now in its 15th year.

"Our mandate is to bring the university and the First Nations community closer together," said House of Learning Director Verna Kirkness.

"I don't believe in degrees in Native studies. I think they're limiting. Each part of this university has the obligation to serve First Nations people and their communities. It's very important to address First Nations' issues from their various perspectives," she said.

Of concern to Kirkness are federal government plans to cap a $130-million program that provides tuition and living expenses for status Indians at college and university.

First Nations people have been holding demonstrations and hunger strikes across Canada, saying the funding is a treaty right.

Kirkness pointed out that if First Nations people attended university in proportion to their numbers in the general population, there would be 1,500 enroled at UBC, not 150.

Letters to the Editor

Dean Will's resignation

Editor:

The resignation of Dean Will has caused widespread concern about the future of the Arts Faculty. The earlier statement by the Dean to the Faculty that he was not prepared to accept further cuts in budgeted positions suggests that his resignation was precipitated by demands from President Strangway's office for such cuts.

We believe that the quality of all universities that aspire to national and international recognition is built upon the foundation of excellent arts and science faculties.

We are convinced that our Arts Faculty has suffered a disproportionate share of the cuts in faculty positions, undermining the academic foundations of the university. Larger classes, truncated programs, and increasing demands on the time of continuing faculty weaken our capacity to provide high quality teaching and supervision.

We call upon President Strangway to make a commitment to strengthen our faculty, to rebuild weakened departments and programs, and to recommend the appointment of a dean whose qualities will attract immediate support from this faculty and who will provide the academic leadership to rebuild our strength and reputation.

Signed by the following senators from the Arts Faculty:

Jean Elder, Allan Evans, Sherill Grace, Barrie Morrison, and Paul Tennant.

de Silva aims to develop smarter salmon canner

By JO MOSS

B.C. fish processing companies could save as much as $5-million annually if engineers could come up with a more efficient way of getting more salmon into the can.

That cost-saving scenario is no pipe dream.

UBC Mechanical Engineering professor Clarence de Silva has begun working with B.C. Packers, the province's largest fish processor, to develop smarter machines to make plant procedures more efficient.

The aim is to reduce wastage and recover more of the fish catch.

The five-year project is funded by B.C. Packers, ($375,000) which is also making its facilities available for testing the new technology; the Natural Sciences and Engineering Research Council ($605,000) to support a senior research chair; and the B.C. Advanced Systems Institute ($100,000) for knowledge-based computer vision research.

An artificial intelligence expert, de Silva says wasted fish is inevitable with today's methods of cleaning and filleting. Recovering even one per cent more fish would result in a $5-million saving, he says.

"With modern technology there's no question we could go beyond that goal, recovering an additional three-to-five per cent," he said. And there's the promise of increased productivity by speeding up the whole plant process.

Even the first small improvements can lead to big savings and increased revenue, says de Silva, who is one of only a few Canadian engineers currently doing this kind of research.

One of the new pieces of equipment he envisages is a high-speed camera-like device that sizes up each fish electronically as it enters the plant and does a split-second analysis of the best way to process it.

Photo by Doane Gregory

UBC Mechanical Engineering Professor Clarence de Silva (left) discusses fish processing with an official of B.C. Packers.

It signals a customized robotic machine which handles the fish and fillets it instantly in the manner prescribed.

More sophisticated cutting devices could be developed, de Silva says, and even the tools for cleaning and scaling could be computer controlled.

It's all part of what is known as flexible automation--computerized machines which employ some measure of intelligence in their tasks, and can be reprogrammed.

Already used in some Canadian manufacturing operations, flexible automation can be applied as easily to fish processing, de Silva says.

In fact, some of the technology is already available, it just needs to be adapted to fish processing. But de Silva will also be doing further research to solve some of the problems engineers face with robotics and artificial intelligence.

Ideally, engineers would like to program machines with the human characteristic of touch. They would then be able to grip different-sized products such as fish without damaging them from too much pressure.

Developing fish processing technology may keep B.C. fish processors competitive, de Silva says.

Need for renewal

Time running out on forests

By JO MOSS

B.C.'s system of licencing forest companies to log public lands is increasingly being challenged because it doesn't guarantee the best use of our forests.

Many people, including UBC Forestry Professor David Haley and post-doctoral research fellow Martin Luckert, believe major changes are needed to improve forest management.

The issue has heated up with recent government announcements to increase tree farm licences in the province. More than 100 applications from forest companies are pending.

"It's very important that the stipulations put into place on our new tenures do the job we want them to do," said Haley, who with Luckert, recently completed an exhaustive review of B.C.'s system of land tenure.

Over the years, B.C. forest companies have been given cutting rights under a number of different agreements so that now there is a hodgepodge of complex arrangements.

The problem is not limited to B.C. Across Canada, more than 30 different kinds of licencing agreements exist.

Haley points out that because licencing agreements were originally drawn up to provide governments with revenue from harvested timber, they don't contain incentives to encourage forest companies to voluntarily invest in timber renewal.

But time is running out and Canada must now renew its forest resource by planting.

"We've never had to face this problem before," Haley said.

Stumpage -- a payment made by forest companies to the government for timber -- and the uncertainty of tenure agreements are the main factors which discourage companies from planting more trees. Part of the solution, already adopted by some provinces, may be to charge little or no stumpage on trees grown through a company's voluntary efforts, Luckert said.

Secure agreements are important because reforestation is a long-term business. "A company needs some guarantees it's going to collect in the future," Haley said. "Under our current tenure system, those guarantees don't exist."

To encourage more and better reforestation efforts, B.C. now requires companies to carry out reforestation at their own expense according to legislated minimum requirements. But the task of policing is onerous and, more important, that approach doesn't encourage companies to manage forests in the best way possible, Haley said.

"If you require someone to do something, they're always going to try and minimize the costs of what they're doing and meet the very minimum requirements," Haley explained. "In forestry, that can be disastrous. There can be a very great difference between the minimum and the optimum."

"There appears to be a lot of potential going to waste -- that's what's significant in this problem," Luckert added. "Many of these lands are high quality, but because there are no management incentives, their potential is not being realized."

Haley and Luckert point to companies which own private forest lands and invest heavily in reforestation and management without coercion.

"We want to simulate that ideal situation on public forest lands," Haley said.

Haley and Luckert hope to develop practical licencing options for B.C. that will suit forest companies, governments and the public alike. They are also extending their study outside the province to conduct the first comprehensive look at forest tenure across Canada.

Budding scientists train for olympiads with UBC faculty

By GAVIN WILSON

Some of the best scientific minds in Canada met at UBC this past week. But there wasn't a high school graduate in the bunch.

That's because these budding scholars were high school science students here to prepare for upcoming international competitions in chemistry and physics.

From this national training camp held May 26-31, two teams will be chosen to compete in the international Physics Olympiad in Warsaw, Poland, and the Chemistry Olympiad in Halle, East Germany. Both events are in July.

The international competitions began in eastern Europe in the 1960s and now welcome teams from more than 25 nations. UBC faculty members volunteer their time to organize these events at both the provincial and national levels.

Canada's participation is relatively recent, but is already showing results. Last year, Richmond student Chris Gunn won a bronze medal in the Chemistry Olympiad.

This national study camp, funded by a $20,000 grant from the National Research Council, was the first held in Canada, although it is common practice for students to get together in other participating nations.

"It's a good way for students to be exposed to new and unfamiliar equipment before the actual competition," said Gordon Bates, an associate professor of Chemistry and one of two national coaches for the Chemistry Olympiad team. One of the coaches of the physics team is UBC's Michael Crooks, an associate professor of physics.

"This way, we get to see them in action in the lab -- their skills there are important -- and they get to know each other, too," said Bates.

The training camp is just one of several programs for high school students that UBC departments offer in mathematics and the sciences.

Typical of these events is the provincial competition for the Chemistry Olympiad, which led up to the national camp.

Over the course of the school year, 140 students from all over B.C. were sent sets of chemistry problems by university faculty members. The 25 top students were then invited to the university campus for three days of lab work and lectures which culminated in the writing of the national examination.

The competitors included students as young as 12 years old, but most are Grade 12 students capable of working at the first and second-year university level.

Another way in which UBC reaches out to high school students is through the national Euclid mathematics contest.

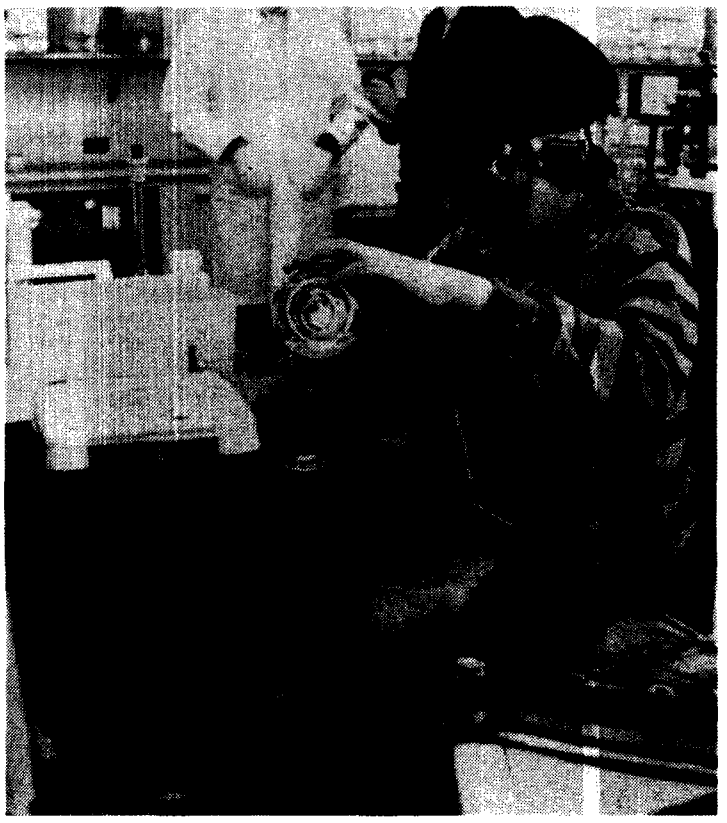
It was written in April by 2,166 Grade 12 students in 132 schools around B.C. and by thousands more across the country, said George Bluman, an associate professor of mathematics and exam coordinator for the B.C.-Yukon-Northwest Territories region.

B.C. students and schools finished far ahead of their counterparts in other provinces, placing 24 schools in the top 50 in Canada, and six in the top 10. Sir Winston Churchill Secondary of Vancouver ranked first in Canada

B.C. also claimed 20 of the top 50 students in Canada, four in the top 10. The top student in Canada was Hugh Thomas, a Grade 11 student at Sir Winston Churchill.

More than 12,000 students across Canada wrote the exam, which is based on Grade 12 curriculum and designed to challenge students bound for university and identify those with outstanding talents. Most of the other top finishers were from Ontario schools.

The top 25 students in B.C. are invited to campus for a day to attend a luncheon with President David Strangway. Book prizes, plaques and other incentives are given to participating students and schools.



Young competitor Erick Wong, 12, completes an experiment in a UBC lab during the recent Chemistry Olympiad for B.C. high school students. Wong, a Grade 9 student at Sir Winston Churchill, also competed in the Physics Olympiad and placed seventh over all in the national Euclid mathematics contest.

Computer helps in the planning of landscape

By PAULA MARTIN

During any given week, articling landscape architect Brian Pearson hikes, rides mountain bikes, backpacks and flies over some of the most beautiful country in the world.

"This is why I like the work that I do," says the Vancouver native, pointing to a photograph of an alpine lake taken on one excursion. "It's just wonderful work."

Pearson

Pearson, who is graduating from UBC's Landscape Architecture program, has launched a career in coastal and land planning with the Vancouver firm, Catherine Berris Associates.

It combines his love of outdoors and photography with his expertise in computers.

Pearson, 22, is one of a handful of students who entered the challenging program, part of the Faculty of Agricultural Sciences, directly from high school.

During the last two years of the four-year course, Pearson drew up his own directed studies course to learn more about how computers could be used in landscape architecture, especially in coastal and land planning.

"I'm interested in how the computer can play a better role in that type of work," he said.

His initiative and scholarship won him the 1989 Canadian Society of Landscape Architects award of merit.

Pearson said he is interested in tackling large scale projects and solving conflicts between development and the environment.

"It's more of a challenge -- especially in dealing with the constraints and possibilities -- in terms of what can happen and what should happen," he said.

Students enter the Landscape Architecture program for many different reasons, but, said Director Douglas Paterson, they all learn about one important component -- community outreach.

Students, he pointed out, are eager to learn and bring a refreshing point of view to their work.

"Students reflect many of the innovative things we're doing in school, particularly in attitudes about the aesthetics of landscape and what makes landscape important in the city."

This Spring, students are working with residents of Vancouver's Strathcona community to generate ideas about how to rehabilitate their park, just east of Chinatown in downtown Vancouver.

Photo by David Gray

UBC professors Douglas Paterson (left) and Moura Quayle (far right) examine landscape plans for Strathcona community with their students.

"It's a community that has a history of advocacy and action," said Professor Moura Quayle, whose research interests include public participation in education about design and environment.

"It's an excellent one for students to work with because it's very receptive," she added.

During their first meeting, students and residents talked about options for improving the proposed park site to meet community and environmental needs.

"We talked about what they liked best about the park, about what they liked least, and what their vision for the park was," said Quayle.

Students work on projects throughout the province, such as preserving landscape sites, planning regional parks, urban waterfronts and open space, and even designing small communities.

Paterson added that community involvement is vital -- communities that participate in their own planning are usually better used and better maintained.

"Less and less, people have an opportunity to have a level of control over their own lives and their own neighborhoods," Paterson said.

"They have a fundamental right to participate in the planning and design of their community."

Registry vital in fight against birth defects

By GREG DICKSON

It may look like a dry collection of statistics, but the B.C. Health Surveillance Registry is a frontline tool for preventing birth defects.

First set up almost 40 years ago by far-sighted officials in the Division of Vital Statistics in the Ministry of Health, the registry lists the genetic disorders and handicapping disabilities of more than 170,000 British Columbians.

Dr. Patricia Baird, head of Medical Genetics at UBC and medical consultant to the registry says the genetic disorder P.K.U. is just one example.

People with P.K.U. are unable to process a constituent of milk and other foods. In severe cases, the disorder can cause seizures and mental retardation.

But when P.K.U. is identified at birth, girls with the disorder are listed on the registry. They can be tracked and when they plan to have children of their own, steps can be taken to make sure the disorder doesn't affect the next generation.

"The mothers-to-be are put on a special diet first so that all their babies will be normal," said Dr. Baird. "That's just one example of the practical impact of the registry on peoples' lives and health-care costs."

"We can ask questions about the frequency and types of disease in our population and answer them."

Dr. Baird said the information is invaluable in determining if a health problem is increasing or diminishing.

Baird

Health-care researchers from other countries use the data for international studies, and the information is used in B.C. to plan health programs more effectively.

"Individuals who are registered get special treatment because we point out to their doctors the availability of special facilities for rare disorders."

The registry also tracks the risks involved in new medical procedures. Women undergoing amniocentesis to detect genetic disorders during pregnancy are listed. Dr. Baird said the procedure will be monitored over the long term to determine if complications result.

Information identifying individuals listed with the registry is kept confidential, although statistics on various conditions are made available.

Idealistic students

Free legal clinic a tradition

By GAVIN WILSON

What began as an idealistic gesture by law students in the free-thinking 1960s has become a 20-year-old tradition at the University of British Columbia.

In the summer of 1969, students offered free legal advice to low-income Lower Mainland residents. This year, more than 5,000 people will be helped by what is now B.C.'s second largest legal aid organization -- the Law Student's Legal Advice Program (LSLAP).

Legal advice is available on a variety of subjects, including small claims actions, landlord and tenant disputes, employer and employee relations, welfare and Workers' Compensation Board claims and appeals and wills.

LSLAP also provides a Do-Your-Own Divorce program, which offers low-cost divorces to those who meet income tests. It is confined to uncontested divorces on grounds of one-year separation.

The clinics, held in neighborhood and community centres, church basements and schoolrooms, are supervised by volunteer lawyers. The program also employs a full-time supervising lawyer, Brian Higgins, who advises students on how to proceed with each case.

"There are two reasons why students volunteer for the program," said law student Elaine McCormack, now in her first year with LSLAP. "It offers practical experience that you can't get in your classes, and at the same time you help a lot of people who otherwise wouldn't get access to legal aid."

Student volunteers have a strongly developed social conscience, Higgins said. They are aware of their privileged position in society and want to give something back.

"The students who volunteer are remarkable individuals," he said.

In the past 20 years, LSLAP has expanded to include 180 student legal advisors and more than 60 volunteer lawyers. One of its founding members is Mike Harcourt, leader of B.C.'s New Democrats.

This summer, full-time clinics staffed by 24 students will be held in 21 locations throughout the Lower Mainland, from the Downtown Eastside to Langley. Evening clinics are held in most of the same locations during the academic year.

Although there is no typical client, LSLAP statistics show many are young, often female, with children, and either on social assistance or with a low-paying job.

Major funding for the $165,000 program comes from the Law Foundation of B.C. and the federal government's Challenge Program. The UBC Law faculty provides office space on campus.

B.C.'s transplant team wrestles with dilemma

By GREG DICKSON

"Unrepentant chain smokers, alcoholics who persist in their drinking habits and drug abusers need not apply," the sign might read for British Columbia's new organ transplant program.

Limited funding for transplants means difficult decisions must be made about who will get a transplant, says the UBC doctor who heads B.C.'s Transplant Society.

"Those are the really tough decisions," observed Dr. Paul Keown. "The financial constraints of tranplantation will be one of the most important elements in the future."

People who are liable to damage their transplants through excessive smoking, alcohol or drug abuse will not get operations according to Dr. Keown.

"If the transplant recipient is a reformed drinker and has abstained from alcohol, he may be considered," he said. "But we won't waste our time with anyone who is likely to continue to abuse alcohol after surgery. The same goes for a heavy smoker."

To address broader ethical concerns, the Transplant Society is putting together a team of experts in law, economics, medicine and philosophy.

Dr. Keown said the team will be made up of specialists from UBC and elsewhere and will also include some international advisers.

"We hope to have international experts to advise the committee, people who have devoted themselves to legal, medical or economic concepts related to transplantation," he said.

While decisions on which individuals get transplants will be made at the clinical level, the committee will tackle the larger issues of how the budget for operations and research is allocated. For instance, the committee will be asked to consider how much money should be spent on the research and development of surgical procedures with limited chances of success.

calendar

June 4 - June 17

SUNDAY, JUNE 4

Holy Communion
Lutheran Campus Ministry. Lutheran Campus Centre, 5885 University Boulevard. 7:30 p.m.

WEDNESDAY, JUNE 7

Orthopaedics Grand Rounds
Report from C.O.A. Chairman: Dr. Robert W. McGraw. For information call 875-4646. Auditorium, Eye Care Centre, 7:30 a.m.

THURSDAY, JUNE 8

Pharmacology and Therapeutics Seminar
Tracing Circuit Model for the Memory Process in Human Brain: Roles of ATP, Adenosine Derivatives and Neurotrophic Factors for Dynamic Changes of Synaptic Connections. Dr. Y. Kuroda, Head, Department of Neurochemistry, Tokyo Metropolitan Institute for Neurosciences, Japan. For information call 228-2575. Room 317, Basic Medical Sciences Bldg., Block C. 4 p.m.

Biotechnology Laboratory Seminar
Biosensors to Assay Nucleotides and Lactic Acid, Respectively, In Fish and Dairy Products. Dr. Ashok Mulchandani, Biotechnology Research Institute, NRC Canada. For information call 228-4838. Lecture Hall #3, IRC Bldg. 4 p.m.

SUNDAY, JUNE 11

Holy Communion
Lutheran Campus Ministry. Lutheran Campus Centre, 5885 University Boulevard. 7:30 p.m.

MONDAY, JUNE 12

Cancer Seminar
Transgenic Mice as Human Disease Models. Dr. Frank Jiric, UBC. For information call 877-6010. Lecture Theatre, B.C. Cancer Res. Centre, 601 W. 10th Avenue. Noon-1 p.m.

TUESDAY, JUNE 13

Faculty Women's Club Scholarship Tea
Celebrate the Opening of Cecil Green Park House, and support our new Ida Green Scholarship. All members, and new members welcome. For information call 224-6991. Cecil Green Park House. 1 p.m.

Biotechnology Laboratory Seminar
A Biocompatible Glucose Sensor for the Artificial Pancreas. Dr. Robin Turner, Surgical-Medical Research Institute, U. of Edmonton. For information call 228-4838. Lecture Hall #3, IRC Bldg. 4 p.m.

THURSDAY, JUNE 15

Faculty Club
Dine and Dance Under the Stars to the sound of the Big Band Era. Starting at 7 p.m. Main Dining Room, Faculty Club. For reservations call 228-4693.

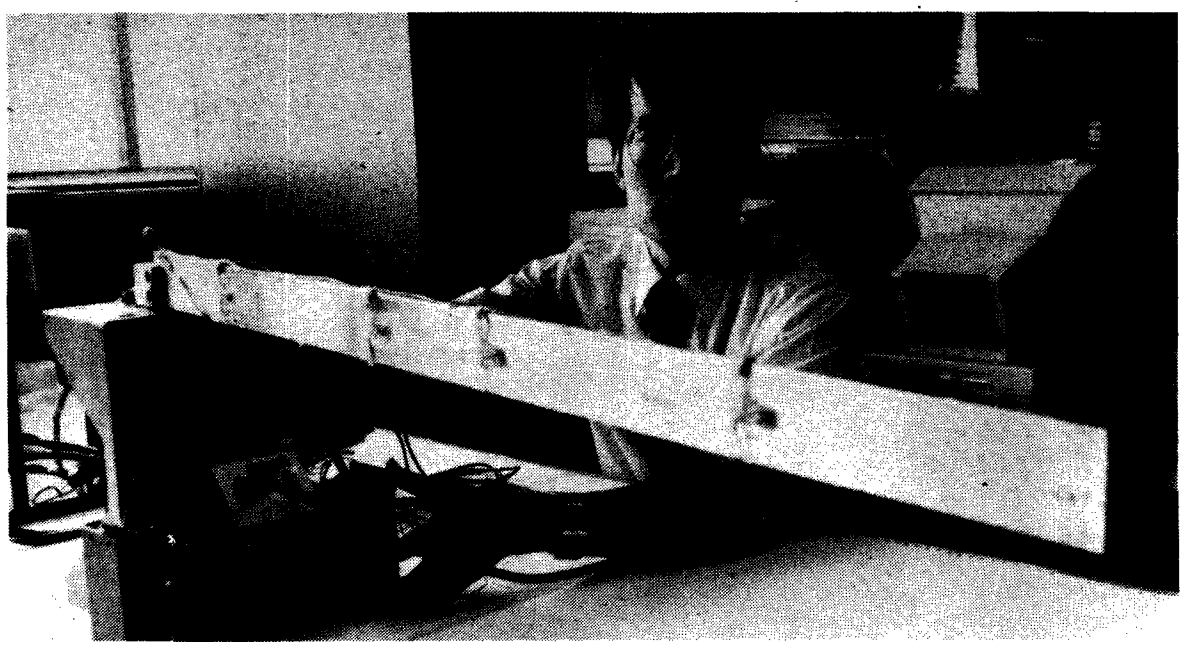
Biotechnology Laboratory Seminar
Planar Interdigitated Capacitor Transducers for Biosensors. Dr. Andreas G. Andreou, Electrical and Computer Engineering, The John Hopkins U. For information call 228-4838. Lecture Hall #3, IRC Bldg. 4 p.m.

NOTICES

Sexual Harassment Office
UBC's policy and procedures are now in place to deal with instances of sexual harassment. Two advisors are available to discuss questions and concerns on the subject. They are prepared to help any member of the UBC community who is being sexually harassed to find a satisfactory resolution. Phone Margaretha Hoek and Jon Shapiro at 228-6353.

Exhibition
June 1-15. Mon-Fri: 10:00-4:30; Sat: Noon-4:30. Exhibition Japan in Vancouver: 1877-1989. Economic, social and cultural links between B.C. and Japan. The exhibition is a part of the centennial project of the Consulate General of Japan. For information call 684-5868. Auditorium, Asian Centre.

UBC Reports is published every second Thursday by the UBC Community Relations Office, 6328 Memorial Rd., Vancouver, B.C., V6T 1W5. Telephone 228-3131.
Director: Margaret Nevin
Editor-in-Chief: Don Whiteley
Editor: Howard Fluxgold
Contributors: Greg Dickson, Paula Martin, Jo Moss, Gavin Wilson.



This metre-long aluminum arm will help Electrical Engineering Professor Chris Ma find out more about how to control vibration. Hooked up to a motor, the arm can be made to vibrate at different speeds while measurments are recorded electronically.

CALENDAR DEADLINES

For events in the period June 18 to July 15 notices must be submitted on proper Calendar forms no later than 4 p.m. on Wednesday, June 7 to the Community Relations Office, 6328 Memorial Rd., Room 207, Old Administration Building. For more information call 228-3131.

UBC/SPCA Short Course in Animal Cell Culture
Basic Principles in the Successful Culture of Animal Cells In Vitro. UBC Faculty and Staff experienced in cell culture methods. Course includes lab. classes. Registration Fee $60. Entry limited to 30 registrants. For registration form contact D.A. Mathers at 228-5684. Room 3009,3612, D.H. Copp. Med. Sci. A. 9 - 5 p.m.

Continuing Education Weekend Workshop
June 17/18. Freeing the Natural Voice. Dale Genge, BFA, CMA teaches voice at the Vancouver Playhouse Acting School and SFU. Fee: $90. For information call 222-5261. Conference Room, Carr Hall. 10-4 p.m.

Continuing Education Weekend Seminar
June 17/18. Screenwriting A to Z ... and More. Michael Hauge, M.Ed., author of Writing Screenplays that Sell; story editor and staff producer in Hollywood; taught throughout USA, Canada, England. Fee $110 for single day and $190 for both. For information call 222-5261. Rm 102, Law Bldg. 9-5 p.m.

Ballroom Dance Lessons: Second Session
June 12-July 3. Penny and Joris Bedaux. Dances taught: Cha Cha 7:30 p.m.; Rhumba 8:30 p.m. Drop-in fee $5 per hour. For information call 228-3203. Ballroom, Student Graduate Centre. 7:30 and 8:30 p.m.

Faculty Club B.B.Q.
Every Wednesday night on the Upper Deck, from June 1 - Labour Day - weather permitting. For reservations call 228-3803.

Faculty Club Chocoholic Bar
Every Thursday evening, June 1 - Labour Day in the Main Dining Room. For reservations call 228-3803.

Faculty Club Seafood Festival
Every Friday night in the Main Dining Room. For reservations call 228-3803.

National Conference on Active Citizenship
May 28-31. People, Power, Participation. Writers: Michael Ignatieff, Heather Menzies; community development specialist Guy Dauncey; Frithjof Bergman, U. of Michigan. UBC Centre for Continuing Education co-sponsoring. Fee $225. For information call 222-5218. IRC Bldg.

Golf Lessons
Get into the swing of things with adult golf lessons. Classes run throughout the spring and summer for basic and intermediate levels. For more information please call the Community Sport Services Office at 228-3688.

UBC Tennis Centre
Adult and junior; spring and summer tennis lessons. Day, evening and weekend sessions available. For more information call 228-2505.

Friends of the Garden
Wednesday Walks: An Introduction to the Botanical Garden. Meet at the Gatehouse. Admission: Free. Tour: Free. Spend your lunch hour at the Botanical Garden. For information call 228-3928. 1 p.m.

Statistical Consulting and Research Laboratory
SCARL is operated by the Department of Statistics to provide statistical advice to faculty and graduate students working on research problems. For information call 228-4037. Forms for appointments available in Room 210, Ponderosa Annex C.

Volunteering
To find an interesting and challenging volunteer job, get in touch with volunteer connections, the on-campus information and referral service supported by the AMS. Student interviewers are trained to help UBC students, staff and faculty find volunteer jobs in their area of interest. For an appointment to explore the available volunteer options, contact: Volunteer Connections, Student Counselling and Resources Centre, Brock Hall 200, or call 228-3811.

Walter Gage Toastmasters
Wednesdays. Public Speaking Club Meeting. Speeches and tabletopics. Guests are welcome. For information call Sulan at 597-8754. SUB. 7:30 p.m.

International House Reception Programme
Meet international students and learn about other cultures. UBC International House needs volunteers to provide a warm welcome to newly arriving international students. Become a host: accommodation for 3 or 4 nights and/or; driver: transportation from the airport and/or; information aide: operate IH airport booth. For further information call 228-5021.

International House Reach Out Program
"Reach Out" is a letter-writing program linking Vancouver correspondents with international students accepted to UBC, whose aim is to provide those students with helpful information and a local contact. It's a great way to make new friends and learn about other countries. For more information call International House at 228-5021. Both Canadians and Internationals welcome.

International House Language Exchange Program
Ongoing. Free service to match up people who want to exchange their language for another. For information call Mawele Shamaila, International House at 228-5021.

International House Language Bank Program
Free translation/interpretation services offered by International students and community in general. For information call Teresa Uyeno, International House at 228-5021.

International House
Fitness classes continuing over the summer. $5 per term. Register for this term at I.H. Office NOW. For information call 228-5021.

Lung Disease Subjects Wanted
We are seeking interstitial lung disease subjects in order to study the effect of this disorder on response to submaximal exercise. For further information call Frank Chung at 228-7708, School of Rehab. Medicine.

Department of Psychology
Individuals 18 and older are needed for a research project on changes in memory across the adult life span. For information call Jo Ann Miller at 228-4772.

Parenting Project
Couples with children between the ages of 5 and 12 are wanted for a project studying parenting. Participation involves the mother and father discussing common childrearing problems and completing questionnaires concerning several aspects of family life. Participation will take about one hour. Evening appointments can be arranged. Interpretation of questionnaires is available on request. For information please contact Dr. C. Johnston, Clinical Psychology, UBC at 228-6771.

Teaching Kids to Share
Mothers with 2 children between 2 1/2 and 6 years of age are invited to participate in a free parent-education program being evaluated in the Dept. of Psychology at UBC. The 5-session program offers child development info and positive parenting strategies designed to help parents guide their children in the development of sharing and cooperative play skills. For further information call Georgia Tiedemann at the Sharing Project 228-6771.

Fitness Appraisal
Physical Education & Recreation, through the John M. Buchanan Fitness and Research Centre, is administering a physical fitness assessment program to students, faculty, staff and the general public. Approx. 1 hour. students $25, all others $30. For information call 228-4356.

Surplus Equipment Recycling Facility
All surplus items. For information call 228-2813. Every Wednesday Noon - 3 p.m. Task Force Bldg, 2352 Health Sciences Mall.

Neville Scarfe Children's Garden
Visit the Neville Scarfe Children's Garden located west of the Education Building. Open all year - free. Families interested in planting, weeding and watering in the garden contact Jo-Anne Naslund at 434-1081 or 228-3767.

Nitobe Memorial Garden
Open daily from 10 a.m. to 8 p.m. from June 1 to August 31. Admission $1.25. Free on Wednesdays.

Botanical Gardens
Open daily from 10 a.m. to 8 p.m. from June 1 to August 31. Admission $2.50. Free on Wednesdays.

Planners seek volunteers for 75th Anniversary

UBC's 75th Anniversary is only months away. And whether you're a member of the campus community or the community-at-large, we need your help.

Three major events are planned in 1990: the UBC Open House (March 9, 10 and 11), a summer festival that will run from May through August, and the 75th Anniversary Homecoming Week (Sept. 27-Oct. 3). Many smaller events are now being organized around these dates, and the university is welcoming involvement of faculty, students, staff, alumni, the community, the media and private and public sector organizations.

Organizers are already working on major international conferences, symposia, guest lecture series, a big anniversary party, the world's largest on-campus garage sale, a president's croquet tournament, special celebrity visits, and a host of sporting events. Why not sit on one of the organizing committees or help plan a special event?

UBC welcomes the participation of people in the general community who want to hold events of their own that will enhance what happens on campus in 1990. Raise the UBC banner in your office or invite a UBC representative to speak to your organization.

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ANNIVERSARY

How can you get involved? If you want an information kit on the committees and subcommittees already in place or if you have an idea you want to discuss, contact UBC Community Relations at 228-3131. We would be pleased to get the details out to you.

We'd also like to take a moment to thank some of those who have already agreed to serve. The chair of our Planning Committee is **Chancellor Leslie Peterson. Ron Longstaffe** has agreed to head the Alumni Projects Committee.

Graham Catchlove is chair of the Campaign Projects Committee. **Jim Richards** and **Peig McTague** will head the Open House Committee. **Robin Lecky** is chair of the Creative Advisory Group. **John Tanton** is heading the Partnership Committee with support from **Don McConachie**.

Alice Strangway will chair the Legacy Program. **William Webber** is chair of Campus Projects. **Norm Watt** will head Special Events assisted by **Leslie Diamond**.

Margaret Copping will serve on the community-based programs committee. **Terry Sumner** is managing finances for the year. **Eileen Stewart** is chairing the services group. **Don Donovan** is handling souvenirs.

Bob Osborne is chairing sports and recreation, and **Mike Lee**, President of the AMS, will serve on the executive committee.