

UBC Reports

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New grads approved

UBC's Senate has approved the award of academic degrees to a total of 1,035 students who completed requirements in the spring and summer of this year.

The fall list, approved at Senate's Nov. 12 meeting, was made up of 601 graduate students and 434 undergraduates.

The fall graduates have the option of participating in UBC's spring Congregation ceremony on May 27, 28 and 29 when degrees will be conferred by Chancellor W. Robert Wyman.

China donates books

UBC's Asian Studies Library is some 1,232 volumes richer this week, thanks to recent gifts made by visiting Chinese and Japanese delegations.

On Oct. 30, 1,200 volumes on contemporary China were presented by Huang Xin Bai, leader of a delegation from the State Education Commission of the People's Republic of China, which was beginning a cross-Canada tour of major Canadian universities that offer Chinese studies.

On Oct. 8, the Asian library was the recipient of a 32-volume history of the City of Yokohama, Vancouver's sister city in Japan. The gift was made by a member of a delegation from Yokohama City University, which was at UBC to participate in a joint academic seminar held in the Asian Centre.

Faculty win support

Members of UBC's Faculty of Education are tops in Canada in winning research support from the Social Sciences and Humanities Research Council of Canada (SSHRC).

Over the past five years, SSHRC has awarded 28 grants to researchers in UBC's Faculty of Education, eight more than their nearest rival, the Ontario Institute for Studies in Education.

The success rate among education faculty researchers in obtaining SSHRC grants reflects two things, according to Dr. James Sherrill, associate dean for graduate studies and research in Education.

"First, it reflects the quality of the proposals that are made to SSHRC. Secondly, it is a measure of the enormous increase in research activity in recent years in this faculty," he said.

Research grants to faculty members in Education from all sources now total almost \$2 million, Dr. Sherrill added.

New co-ordinator here

Dr. James A. Love is UBC's new co-ordinator of animal care, responsible for all animals used in teaching and research at the University.

His appointment was effective Sept. 1. He succeeds Dr. John Gregg who retired after 16 years at UBC.

Dr. Peter Larkin, UBC Vice President Research and chairman of UBC's animal care committee, said the co-ordinator is crucial in ensuring that UBC conforms to the high standards of the Canadian Council on Animal Care.

"Dr. Love screens all proposals for the use of animals in teaching and research," Dr. Larkin said. "He organizes animal care courses for University staff, is responsible for acquiring all animals used in the biomedical sciences department on campus and in the Vancouver hospitals affiliated with UBC, and he represents the University in public discussions on animals in research and teaching.

"He brings a wealth of experience and sound academic credentials to the campus. In fact, he is already well-known to many at UBC. He chaired the most recent review of animal care at UBC on behalf of the Canadian Council on Animal Care."

Dr. Love was formerly director of the animal care centre at Dalhousie University, and associate professor in the University's physiology and biophysics department.

He took his veterinarian degree at the University of Glasgow in 1964 and a PhD in physiology five years later from the University of Toronto.

UBC in focus

Education funding and the role of universities in the community are two topics attracting media attention. UBC President Dr. David Strangway discussed the former as a guest on CJOR's Dave Abbott Show, November 10. He also appeared on STAR-FM (104.9) on November 14 to talk about UBC's role in the community, as outlined in the new publication from the President's Office, 'The Engine of Recovery'. A cassette recording of both interviews is available in the Community Relations Office.

The well-known television personality, Jack Webster, will host the presidents of both Lower Mainland universities on the Jack Webster Show, (BCTV channel 8) Friday, November 28 at 5:00 p.m. Dr. Strangway and Dr. William Saywell, President of Simon Fraser University, will discuss university funding. A VHS videotape of the interview will be available for viewing in the Community Relations Office.

Famous alumni star in open house celebrity auction and concert



Wheelchair athlete, Rick Hansen, with young supporter.

How would you like to have David Tarrant in your garden for a couple of hours, telling you how to get rid of the blight on the tomatoes, or white fly from the viburnum? Or maybe you'd rather have an hour's piano lesson with Jon Kimura Parker? Or soccer lessons for the kids at UBC's summer camp?

These are just three of the many exciting items to be auctioned at the first ever UBC Celebrity Alumni Concert and Auction to be held the night before UBC's Open House begins next March.

The event will bring back famous alumni from across the country who have promised to provide their services, free, for a memorable evening of fun and entertainment. Pierre Berton, Earle Birney, David Suzuki, Judith Forst, J.V. Clyne, Eric Nicol, Harold Wright, Bob Osborne, John Gray and one of Canada's six astronauts, Bjarni Tryggvason, have all confirmed they are coming and will each put in a cameo performance. "And we're just waiting for final confirmations from John Turner, Joe Schlessinger and Ann and Jane Mortifee," says event chairman Norman Watt.

"We've been very pleased with the response from faculty, staff and alumni to the event," says Watt. "Many departments on campus have agreed to donate goods and services for the auction, and our celebrities have been very generous in offering their time, talents and auctionable items.

"For example, David Suzuki has donated one of his own fish prints, Earle Birney has composed a poem entitled 'if poets

were politicians", which we hope John Turner will read, and John Gray is composing an original song for Ann and Jane Mortifee to sing."

The event will be held on the evening of March 5 in the War Memorial Gym. Norman Young from Theatre will be staging the event, and the AMS are organizing the food. Watt has even persuaded members of the community at large to help--designer Richard Keate and community organizer Mary Olson are in charge of acquisitions, and Joanne Brown and Judy Strongman are heading up the invitations sub-committee.

"The most unusual thing about our auction is the two-tier ticket system," says Watt. "People who are willing to pay \$50 each will be on the main floor of the gym, where the celebrities will be, and the food. But we felt it was important that everyone should have the opportunity to enjoy the event, whether or not they are willing to pay \$50. So we will also be selling tickets at \$10 each--half price for students and seniors--for the gallery. Everyone in the gallery will be able to bid in the auction and, of course, enjoy the fun and the entertainment."

All proceeds from the evening will go towards a bursary for special needs students called the Rick Hansen Special Needs Bursary, in recognition of UBC alumnus Rick Hansen's outstanding accomplishments.

Tickets will be going on sale in January. If you wish to reserve, please call Norm Watt's office at 228-2657.

Test validates children's testimony

A University of B.C. psychologist is a member of an international team that has developed a procedure that significantly improves the chances of obtaining valid eye witness testimony from children.

Dr. John Yuille says that the procedure, first developed in Europe, will be useful in taking testimony from children who are the victims of sexual abuse or witnesses of automobile accidents and murder.

Statement Reality Analysis, as the procedure is called, enables those who take eye witness testimony from children to feel more secure than in the past about the judgments they have to make about whether or not children are telling the truth, Dr. Yuille said.

Dr. Yuille has collaborated with an American psychologist, Dr. David Raskin of the University of Utah, and a European expert, Dr. Max Stellar of the University of Kiel in West Germany, in systematizing the procedure so that it could be made more widely available to professionals for use in interrogating children.

Statement Reality Analysis grew out of the European system of criminal justice, Dr. Yuille explains, which involves a panel of judges instead of the single judge that presides over North

American trials.

The European panel often calls on outside experts during a trial. In a situation where a child is the only witness and there is insufficient corroborative evidence, the panel will ask a child psychologist to interview the child and provide the court with an opinion as to whether or not he or she is telling the truth.

Statement Reality Analysis involves two procedures. It sets out a method for questioning a child followed by analysis of the child's statements from 16 interrelated perspectives.

Dr. Yuille says the new procedure will also be useful in obtaining statements from children involved in automobile accidents, assaults and murder. "There's a report out of England that shows that children are more often the victims of auto accidents than any other age group and it's known that 10 per cent of all murders involve domestic disputes that are witnessed by children."

Dr. Yuille doesn't claim that the Statement Reality Analysis procedure is fool proof. "We want to reduce errors in two senses," he said, "concluding a child is lying when they're really telling the truth, and vice versa."

The research team has already given one seminar for professionals on the new procedure and more are planned in 1987.

Campus lacks spirit of old days

Prof A.D. "Tony" Scott has been a member of the UBC Department of Economics for 33 years, including four years (1965-69) as its head. He took two undergraduate degrees at UBC (B.Comm.'46 and BA'47) before undertaking graduate work at Harvard, where he was awarded the Master of Arts degree in 1949, and the University of London, where he earned his Ph.D. in 1953, the year he joined UBC. In the 1970's, he was a prime mover and one of the coordinators of a five-year \$806,000 study, funded by the Canada Council, on management of the world's natural resources. He is currently on leave in England, where he is doing research on the origin of private property rights in natural resources.

There was a time, 15 to 20 years ago, when UBC was a really lively and interesting place. In those days, bulletin boards were packed with notices of meetings and events that the students themselves had arranged, either to spread the word about some discovery they'd made, Buddhism, for example, or to protest something happening on or off the campus.

Sure, a lot of it was impetuous and lacked maturity. But it was part and parcel of what UBC offered. When the so-called "real world" caught up with them after graduation, the graduates of that day look back on their university days with warmth and affection, realizing they would never again have as much freedom to say and do what they damn well pleased. Nor would they again hear so many ideas advanced, and rejected.

What's happened to students in the interim?

Today, they're prepared to stand passively in departmental lineups to make sure they get their academic programs approved before the formal registration period. They accept the fact that registration is a process arranged for the convenience of administrators rather than students. Ten to 15 years ago, a student delegation would have camped on the doorstep of the department head demanding to know why the hell they had to stand in a lineup to register.

Most of whatever stimulation there is on the campus today is arranged for the students by non-students. Endowed lectureships, musical concerts, departmental lectures (worthy activities all) are for the most part put on without student input. The chief aim of the student undergraduate societies these days seems to be organizing the Friday afternoon "Bzzr garden!"

Where are the noon-hour meetings protesting the proposed logging of the Stein River valley and Meares Island? What's happened to the soul-searching that went on when students staged forums to explore the question, "Why am I at university, anyway?" Where are the undergraduate society anti-calendars that laid out in no uncertain terms the shortcomings of teachers? (They may have played a helpful role in improving classroom teaching). Even better, they demonstrated to timid students the idea that the quality of education was a reasonable subject for students to be interested in.

What's available at noon hour today? True, there is a whole range of meetings arranged by clubs, political parties and religious groups. But too many of them are sponsored by off-

campus interests, whose aim is not to break down barriers or freely explore ideas. Their almost exclusive aim is to remind students of their outside affiliations, to insulate and protect them from two of the important aspects of student life -- hearing new ideas and meeting new people from different backgrounds. Make no mistake about it, these meetings bring together students who are already part of a group, whether they be church members, Liberals or Social Creditors, gays or pre-dental students.

Fifteen years ago, the campus was the stronghold of students who stood back from everyday life. Today's campus is organized to help them cling to everyday life.

Does anyone or any group worry about the fact that, for its students, UBC has become the dull and uninteresting place where 18 hours a week must be spent? I'm not aware the matter is ever discussed by the Board of Governors or by Senate. And the main thrust of Alma Mater Society activities seems to be a marketing strategy for selling food, clothing and booze in the Student Union Building with a few rock concerts thrown in for good measure. That's not what university life is all about. Even keeping fit has become a grim and earnest pastime.

Today, it's usual for the yuppies to blame contemporary students for their safe and solemn ways. I believe the funding difficulties UBC has experienced in recent years is also responsible for this state of affairs.

Fifteen years ago, one of the catalysts in student life was a feisty lot of young instructors, fresh out of graduate school and aware of societal problems, who influenced that

generation of graduate and undergraduate students. The environmental movement began in that era, to name only one example.

Today, there are almost no "angry young men and women," fresh out of graduate school and ready to take on the world. We now have a regiment of sessional and part-time instructors who have no hope of obtaining tenured positions here and who fear they may not have any job next year. They find it hard to regard the people in their classes as "our" students. In self-protection, they are not going to appear to bite the hands that feed them.

That kind of "don't-rock-the-boat" thinking has infected the students. No one challenges the dean of law about the faculty's approach, much less that articles are hard to get; or the architects and town planners about their theories or the destruction of heritage buildings. In the students' experience, the faculties are part of their problem, not a part of the solution. A vigorous challenge could irreparably spoil their chances of getting a job as a lawyer or as an architect.

As I said earlier, all this makes UBC a dull and less interesting place. A student who was here in the days when nothing was too sacred to be challenged or debated wouldn't recognize the place.

If You Ask Me features interviews with UBC faculty or staff on a controversial issue which relates to the university campus. Anyone interested in being interviewed, or who knows someone whose views would be of interest to the campus community, please contact The Editor, UBC Reports.

1986 Great Trekker Award Winner



The UBC Alma Mater Society's Great Trekker Award for 1986 went to Dr. Anne Stevenson who, as a first-year student, participated in the student-inspired 1922-23 Great Trek, which resulted in a provincial-government decision to complete the University on Point Grey. The Williams Lake resident, a former teacher and tireless campaigner on behalf of education in the Cariboo-Chilcotin region, received the award from AMS president Simon Seshadri at an Oct. 22 Homecoming banquet in the SUB Ballroom.

Suzuki hosts radio series on UBC leading edge research

Radio listeners across Canada will soon be able to tune in to their favorite station to learn about leading edge research being carried out by UBC faculty members.

The Community Relations Office is completing production on the first of two 13-week series of radio mini-documentaries featuring UBC faculty members, which will be distributed to 250 radio stations across Canada in January. A second series will be released in April.

The programmes are four minutes in length and feature interviews with faculty members with opening and closing narration by Dr. David Suzuki. Because the series will be distributed across Canada, topics of national interest have been highlighted.

The first series focuses on UBC research in the areas of medical imaging, aquaculture, the Moli battery, the discovery of new drugs from marine animals, dentistry of the future, UBC's Native Law Programme, coping with pain, converting forest waste products into liquid fuels, new waste treatment methods, electronic messaging systems, university-industry liaison, electronic aids to help the blind and the use of robots in surgery.

The Community Relations Office received several enthusiastic letters and telephone calls in response to a series of radio mini-documentaries released to B.C. radio stations in March.

"The tapes are relatively inexpensive to produce and we've had some very positive feedback about the programmes," says Community Relations director Margaret Nevin. "We feel the mini-documentaries are an effective means of promoting UBC activities, particularly outside the Lower Mainland."

New grant source to fund research

Seventeen UBC research projects will soon receive grants from the new Research Development Fund. Established this year with \$1 million from the provincial government's Fund For Excellence, the Research Development Fund sponsors research in B.C.'s three universities.

UBC faculty submitted 228 individual proposals in a university-wide competition requesting a total of \$8 million. The major criterion imposed by the university for allocation of funding was the role of the project in increasing the researcher's ability to attract external research funds. In addition to the 17 projects that will receive grants, funding has been allocated for four other projects, contingent on their receipt of external grants.

The Universities Council of B.C. had recommended that \$600,000 of the Research Development Fund go to UBC, with \$150,000 each to Simon Fraser University and the University of Victoria. UCBC held back \$100,000 to fund a computer linkage project between the three universities. The funding will be augmented by a grant of \$180,000 from the Advanced Systems Foundation. The UBC Computing Centre will be in charge of the technical side of the project which will be based on the UBC Ethernet system.

Dr. Peter Larkin, Vice-President of Research, said he hopes that next year's Research Development Fund allocation will be confirmed early in the new year. This year the Office of Research Services and Industry Liaison did not receive confirmation until August. Dr. Larkin said the office will carry over this year's proposals to the 1987 application, as well as call for new submissions.

Homelessness: solving a social problem

UBC's Centre for Human Settlements has been chosen to draft Canada's submission on the provision of shelter for the homeless as a contribution to the United Nations 1987 International Year for Shelter for the Homeless.

The submission will be presented at an international UN conference in Nairobi, Kenya, in April, 1987.

On Wednesday (Nov. 26), the centre will stage a seminar to highlight aspects of Canada's experience and practice in facilitating efforts by the poor and disadvantaged to improve their shelter and neighbourhoods.

Prof. Peter Oberlander, who heads the UBC centre, said that Vancouver has led the way in Canada in developing solutions to the problem of homelessness.

"Traditional social agencies--churches, service clubs, the Downtown Eastside Residents Association, and city social services--have combined with some young and imaginative Vancouver architects to develop a range and variety of housing on the eastern side of the city that has helped to alleviate some aspects of homelessness," Prof. Oberlander said.

As an example, he cites the case of the

Ford Building at the corner of Main and Hastings Streets, which was virtually empty five years ago. The city acquired the building and rehabilitated it to provide low-rent, self-contained accommodation. The Vancouver effort has been aided by funding from Canada Mortgage and the provincial government. The city has assisted the program by writing down the cost of the land to provide new low-rent housing in the east end.

One of the major problems associated with the homelessness study, which is funded by Canada Mortgage and Housing, is "getting a handle on the number of people in Canada who are homeless or near homeless," Dr. Oberlander said.

"We define a homelessness quite literally--an individual without a home, where he or she would have security, privacy and some control over daily life."

"In Vancouver," he said, "there are up to 200 people, depending on the season, who are literally without shelter and live in the streets."

"The next level or two we refer to as the 'population at risk.' There may be 2,000 or so who find shelter in a dormitory for up to a

week, but they are, in effect, homeless.

"The next level up are people who have welfare or other income but have to use 60 or more per cent of it to rent a sub-standard room in a hotel or apartment. By the middle of the month they have no money and are forced to live off charity or the food banks."

The UBC centre estimates that there may be up to 5,000 people in the Vancouver area who are homeless or close to it. A major goal of the UBC study will be to gather national statistics on the homeless.

Canada's homeless fall into four main categories. "People who have been released from mental institutions; seasonal workers who are chronically unemployed; native Indians who leave the reservations and are adrift in the cities; and people who are victims of family or marriage breakdown make up most of Canada's homeless," Prof. Oberlander said.

"The majority are single men but there is a rising proportion of single women, many of them with children."

Prof. Oberlander warns that the problem of Canada's homeless won't be solved by simply bringing them in out of the rain and putting a roof over their heads.

Administrators win award



Dr. Norman Watt and Libby Kay

Creativity is not usually found in administration, but one UBC department has won its fifth award for just that. Dr. Norman Watt, Director, and Libby Kay, Co-ordinator of Publicity and Planning, Extra-Sessional Studies, placed top in the new administrative category of the annual WASSA awards. WASSA (the Western Association of Summer Session Administrators) presents the awards for the most innovative and creative programming of credit and non-credit courses.

The department of Extra-Sessional Studies placed first for its unique use of the Extra-

Sessional Studies calendar. For the last five years, the calendar has focused on a different UBC department with each issue, highlighting interesting or little known departmental features through graphics and information snippets. The UBC Geological Museum, for example, was featured in the 1986/87 winter session issue.

Dr. Watt said the end result has been an increased public interest in each department and the enhancement of UBC's image in the community.

French test first in Canada

The final step in a UBC-developed national test to measure the achievement levels of English-speaking students taking French immersion courses in grades one through seven took place in the first two weeks of November.

The test, developed in UBC's Faculty of Education, was administered to a random sample of 1,400 students currently enrolled in French immersion programs in more than 150 schools in every Canadian province, the Yukon and the Northwest Territories.

The test was developed in the UBC Education Clinic over the past 14 months by Dr. Nick Ardanaz, who has been seconded to the Department of Language Education from his position as an elementary school principal in Delta, and Dr. Ted Wormeli, a school district psychologist in Delta.

Dr. Ardanaz said that when the Canada French Immersion Achievement Test (Canada FIAT) is revised in the light of the November test results, Canada will have the first comprehensive, individualized test for measuring achievement by English-speaking students in

four areas--spelling, arithmetic, word identification and reading comprehension.

The revised test should be available for national use in April, 1987.

Dr. Ardanaz said the purpose of the November testing was to establish "norms"--a term used to describe achievement levels for each school grade.

"If we find that no student is able to answer a specific item on the test, we will know that it is too difficult for that specific school level. On the other hand, an item answered correctly by every student would indicate that it is too easy for that level. What we will be searching for are generally applicable items or the norm in each of the categories being tested," Dr. Ardanaz said.

At present, he said, there is no test, valid in all parts of Canada, for measuring attainment levels in French immersion. "Canada FIAT, by creating norms that have been validated, will enable teachers to determine with some certainty how well a child enrolled in French immersion is doing when instructed in French."

Childrearing focus of cultural study

The results of a comparative study of child-rearing practices in Canada and Japan will be the basis of the first in a series of five lectures with the general title "Helping Children Learn," sponsored by the University of B.C.'s Child Study Centre.

Dr. Hannah Polowy of UBC's Faculty of Education will outline the results of the Canada-Japan research study on Nov. 29 at the UBC Centre at 4055 Blenheim St.

Details on registration and fees for the series are available from the UBC education faculty's Field Development Office, 228-2013.

The results of the comparative study have convinced Dr. Polowy that more needs to be done in terms of taking an in-depth look at Canadian child-rearing practices.

Here are some of the major themes that emerged from the study.

* Japanese at all socio-economic levels have a strong, positive feeling about education and believe that it produces a cultured individual.

Canadian parents, on the other hand, don't believe education is necessary to develop a cultured person. "What's not clear," Dr. Polowy adds, "is whether Canadians change their beliefs over time and at what point they change them."

* Japanese children get clear messages about behavioural norms from their mothers, who are almost solely responsible for child rearing.

Canadian children, on the other hand, get messages from a variety of sources, including mothers, fathers, grandparents and others. "Sometimes the messages are conflicting and confusing," Dr. Polowy said, "with the result that Canadian children may sometimes be uncertain about how to respond in terms of behaviour."

Japanese children rarely exhibit sleeping problems and are toilet trained between 18 months and two years in contrast to Canadian children, who get such training in the two-and-a-half-to-three-year age range.

Overhead costs funded

Several UBC faculties were the beneficiaries this year of a new Board of Governors policy on overhead funds received by the University for contract research.

Just over \$355,000 was returned to UBC faculties under a Board policy approved last year, which calls for one-third of overhead on contract research to be returned to the appropriate faculty, where it can be used for any purpose designated by the dean.

The 1985-86 overhead total of \$1,066,000 was made up of funds from 186 contracts valued at \$5.8 million initiated in 1985-86, plus funds from contracts initiated in previous years.

The Faculties of Applied Science, which received \$103,000, and Science, which received \$102,000, were the biggest beneficiaries of the overhead fund distribution. Next in line was Agricultural Sciences, which got back \$43,600.

UBC's research vice-president, Dr. Peter Larkin, explained that government agencies and industrial firms which approach the University with a contract-research proposal pay overhead totalling 65 per cent of the salary costs of all those who work on the project if it involves the use of a campus laboratory. Overhead of 30 per cent is charged on salaries that do not involve laboratory work.

Dr. Larkin said that national studies have shown that for every dollar of research funding received by the University, up to an additional

50 cents of indirect costs are incurred for the use of space, library facilities and computer time as well as the provision of heat and light, accounting, purchasing and other administrative services.

"If we did not recover overhead costs on research contracts, which are mission-oriented projects for the most part, it means we would have to find more than \$1 million annually in the University budget," Dr. Larkin said.

He also emphasized that UBC does not accept contract research that would place the University in a position of competing with existing business firms.

"Each proposal for contract research is analysed to ensure that it has an educational component that will be useful to graduate students or to the principal researcher, who can pass the experience on to students.

"We would not be interested in a contract proposal that called for us to, say, analyse pollution levels in a water supply or assay rocks for mineral content. Those are functions that are better carried out by commercial firms."

Dr. Larkin said he expects an increase in the amount of contract research done at UBC. "I welcome this trend," he said, "just as long as we are offered challenging opportunities that are useful to faculty members and students."

Talking typewriter aids blind

Prof. Michael Beddoes was teaching electronics at UBC in 1966 when a visiting student from Harvard University requested his help in a survey he was taking on electronic aids available for the blind.

The request sparked Dr. Beddoes' interest, and twenty years later he has become one of North America's leading designers of electronic devices for the blind.

His inventions, which include a talking switchboard for telephone operators and a machine that scans printed material and reads it aloud, are being used around the world. His latest, and most exciting, invention is an electronic speech unit called Speechex, which is being used to produce talking typewriters and computers for the blind.

Speechex reads words aloud as they are keyboarded to help blind typists, stenographers and computer operators increase the speed and accuracy of their work.

"Speechex is an inexpensive lap computer that a blind person can use in the office or take to meetings. It weighs only a few pounds, is battery operated and completely portable," says Dr. Beddoes. The Speechex device can also be linked to other standard office equipment.

"Word processing needs for a blind person are very different from those of a sighted person," says Dr. Beddoes. "Blind users need feedback to know if their spelling is accurate or if they've pushed the right command key. Speechex provides this feedback with a verbal description of what's displayed on the screen. The electronic voice can be heard either through the speaker in the Speechex machine or through earphones."

Dr. Beddoes says his goal is to help blind people compete in the job market. "What often slows blind people down in an office situation is the time it takes to check their work for accuracy. Speechex provides instant feed-

back so mistakes can be corrected immediately."

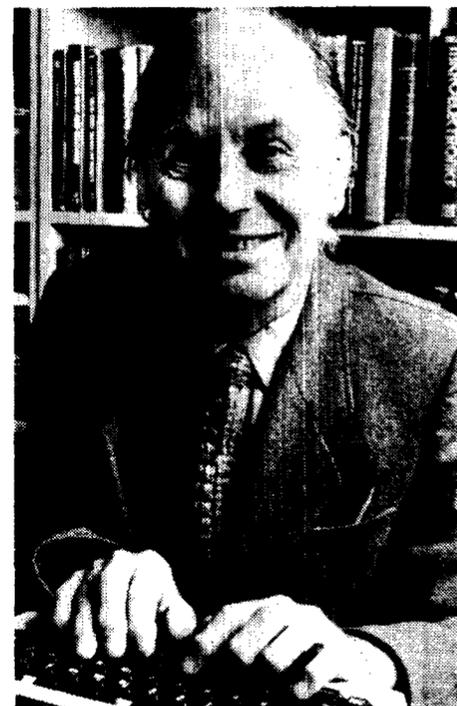
He points to the example of a blind copy typist who was hired by a downtown office in Vancouver for a trial period. "She was a very fast typist, but the company was concerned about the time it took to check her work. She began using one of our machines, and within a month she was offered a permanent job with the company."

Dr. Beddoes works closely with blind individuals from the Canadian Institute for the Blind and UBC's Crane Library for the blind to get ideas and feedback on his devices.

The Speechex machine is also being used to help mentally handicapped sighted children to read. "Presenting a printed word and a spelled version of it simultaneously seems to improve chances of the material being absorbed by the child," says Dr. Beddoes.

He says the key to success in designing electronic aids is anticipating the technological advances that will be made in the next few years and developing products with tomorrow's technology in mind.

"In this field you become hooked on designing a product that's better and faster than the previous one. Even as you're finishing a design, you look at it and ask yourself--Can I take this one step further?"



Prof. Michael Beddoes and Speechex

Photographers

Community Relations is looking for professional freelance photographers willing to take news-oriented photographs on an assignment basis. For more information, please contact Lorie Chortyk at 2064, or Jo Moss at 3213. Please bring portfolio of recent work.

LETTERS

Letters are welcome and may be on any topic of interest to the university community. Please be brief, no more than 150 words, and send to The Editor, UBC Reports.

Performing arts programs a big hit

Arts dean Dr. Robert Will believes that UBC's performing arts departments have done an extraordinarily good job of producing outstanding graduates, despite the fact that some departments make do in facilities which he frankly describes as "grubby."

"You won't find worse space in any Canadian university that serves as a Fine Arts Gallery, old army huts that serve as rehearsal space for theatre and sub-standard facilities in Brock Hall occupied by students and faculty enrolled for the film and television program," is the way he puts it.

In addition to academic training, UBC performing arts departments are probably the most visible aspect of the University's community outreach program, attracting thousands of people annually to on- and off-campus locations for music and drama per-

formances, film screenings and art exhibitions.

"The fact that morale is very high in music, theatre, fine arts and creative writing is explained by the sense of accomplishment in every area," Dean Will says.

Despite serious fund shortages, the dean says, some new academic programs have been added in recent years, either as a result of special funding provided by the Universities Council of B.C. or through internal reallocations.

The theatre department has added bachelor's degrees in technical theatre and design and in acting and a doctoral degree in drama; a master's degree in studio art is offered in fine arts; an outstanding children's literature option has been developed in creative writing; and new appointments have been made in music to improve offerings in the fields of

performance and voice.

Dean Will's "wish list" includes the hope that funds will be made available from the provincial Fund for Excellence in Education to improve the film and television studies program in the Department of Theatre.

He also hopes that capital funds will be available in the future for a multi-purpose Studio Resources Building that would provide sound-proof facilities for music and film production, rehearsal space for theatre and work space for fine arts students.

Currently, the dean is exploring the possibility of constructing a new Fine Arts Gallery as an addition to the Museum of Anthropology.

Some of the accomplishments of UBC faculty, students and graduates in the performing arts and creative writing are outlined in the articles on these pages.

Unusual careers open to fine arts grads

Enterprising graduates of UBC's Fine Arts programs are using their academic and artistic skills to create unusual careers. One student who almost failed his first year, returned to the Fine Arts program and stumbled into a course on Chinese Art. His interest in that area led him to a Masters degree and a fellowship to China, where he became fluent in Chinese. He is now a consultant in Hong Kong for the B.C. provincial government and maintains a reputation in Fine Arts by publishing in that field.

"I find it quite heartening how many of our students have stuck to the field, and the majority are doing very well," said James Caswell, Head of the Fine Arts Department. Caswell credits this success to the unique nature of the UBC Fine Arts program. Unlike other institutions, the program combines academic courses in Art History with a studio workshop program of Fine Arts. And, unlike an art college, students must take electives in other subject areas.

"In some ways it's an oil and water mix," Caswell said. "But it's nice for academics to be reminded that artists make art, and vice versa: artists realize they have an audience out there judging their work."

Caswell said he believes the program produces very versatile students. The employment record of Fine Arts graduates would support that claim. "The university offers so much that people have a lot of alter-

natives," Caswell said.

UBC Art History graduates can be found all across Canada, working in museums and galleries, or in teaching positions at various institutions. Five staff members of the Vancouver Art Gallery hold MAs in Fine Arts from UBC. Many graduates from the studio program become successful artists; others go on to post-graduate work in fields such as architecture. One group of students, who specialized in sculpture, created a successful theatre and movie props business.

The Fine Arts department has ten faculty teaching Art History, (eleven when a vacancy is filled), and eight involved in studio art. The Art History program offers much more than the traditional courses in European art. Indigenous American and Asian art, and architectural history are just a few of the other program selections. "We're the only university in Canada that has this breadth of coverage," Caswell said, "and the Fine Arts library is among the finest on the continent."

Next year, the department hopes to offer a new program, a BA in studio arts, for students seeking a career in art education. The program resulted from consultations with the Department of Visual and Performing Arts in the Faculty of Education and the Department of Fine Arts in the Faculty of Arts. The new program eliminates duplication of studio art courses, such as painting, printmaking and sculpture, which are currently offered by both

departments. "It's a more efficient use of university resources," Caswell said.

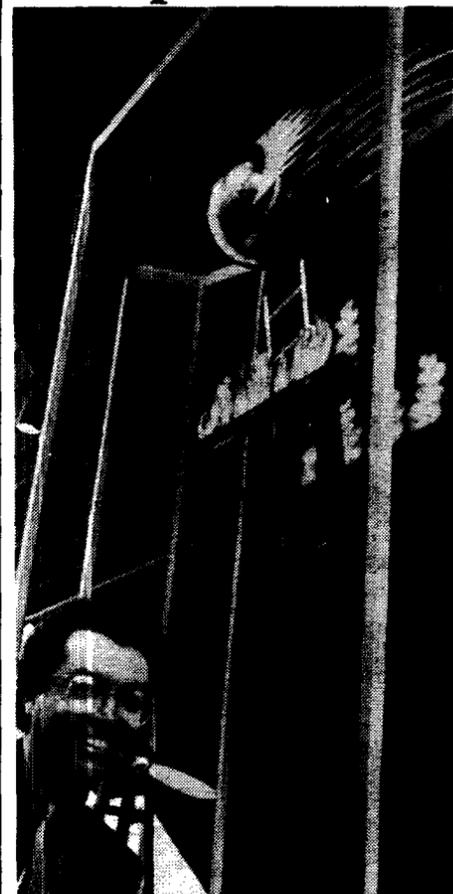
The Fine Arts Gallery, located in the basement of the Main Library, provides an important outreach into the community. Curator Glenn Allison, with a staff of one, puts on six exhibitions a year. These include shows by local artists, both contemporary and historical, and exhibitions loaned from other parts of Canada. The gallery is open to the public and is often visited by groups of art students from other institutions.

One recent exhibition sponsored by the UBC School of Architecture, and guest curated by Assistant Professor in Architecture, Andrew Gruft, depicted Canadian architecture in transition. Entitled 'A Measure of Consensus', this show has since gone on tour to New York and is scheduled for galleries in Toronto and Montreal in the new year.

Once a year, Allison invites an artist to prepare an 'installation exhibit', which he describes as a show especially designed to incorporate the gallery's "eccentric space". The artist must take into account the gallery's special dimensions: a small area, a low ceiling and the presence of over thirty pillars standing between the ceiling and the floor.

Currently on display until December 19 is "The Company She Keeps", a show of ceramic sculpture by Sally Michener.

Artists enrich campus life



Richard Prince and Expo sculpture

When the Fine Arts Department acquired the old UBC firehall 18 months ago, the faculty of the studio arts program were ecstatic. The building was converted into an ideal studio space for three of the faculty members. "It's an essential part of the process for students to see faculty working on artwork," said Fine Arts professor, Richard Prince. "Students can see the completed picture, it makes the process of art something that goes on now, not in foreign lands and in ancient times."

Prior to the conversion of the firehall, Prince had to work on his art in the garage of his home. "That meant a field trip off campus to show students what you were working on," Prince said. Faculty can now work on their art between classes and tutorials. "I'm able to get a lot more work done more efficiently," said Fine Arts professor, Robert Young.

There are currently seven faculty teaching the studio program in the Fine Arts department. Richard Prince and Geoffrey Smedley are two who specialize in sculpture. Prince's work "Alchemy of Invention" was one of the art works on display in the Great Hall of the Canadian pavilion at Expo 86, and a kinetic sculpture by Smedley, titled "The Rowing-bridge", was on display at the West Gate Plaza. One graduate of the UBC studio program, John Clair Watts, also had an art piece on show at Expo.

Faculty members Robert Young and Judy Williams are painters, and Wendy Dobereiner and Barbara Sungur are printmakers and photographers. Roy Kiyooka, one of the more well-known artists, is a painter, sculptor and photographer. Two sessional instructors, Margaret Naylor and Georgiana Chappell complete the team.

Through the combined expertise of the studio faculty, students learn first to draw before being gradually introduced to a wider range of studio activities. Prince said the BFA program in studio arts is the most intensive studio program available at UBC. "But it's certainly not like an art school attached to the university, it's very much a university program," he said. At least 60% of the studio art student's workload is composed of academic courses.

Many students do become professional artists. But, according to one faculty member, the image of the struggling artist is as true as it ever was. "Very few serious artists live from their work," said Robert Young. "Many of them have part-time jobs to support themselves." Some graduates have found successful careers in related areas such as advertising, display design, or in the film industry.

Although studio arts courses have always been available to Fine Arts students, the BFA program was not created until 1970. Professional artists have been associated with the department since its earliest days. The first department head, B.C. Binning was already a successful artist when he joined UBC in 1949. Binning was also the founder of Fine Arts as a separate department, initiating its breakaway from the School of Architecture in 1955.

Backstage crew unsung heroes in Crucible

The casual theatregoer seldom realizes how much teamwork and how many people, quite apart from the actors, are involved in the conception and execution of a play.

Take Arthur Miller's play, *The Crucible*, which still has almost a week to run at the campus Frederic Wood Theatre.

The production is the result of four months of intense work and preparation by a core production group of nine, plus a support group of ten who do everything from shifting scenery to seeing that the set is properly lit. Add the 21 actors who appear on stage and you have a total of 40 persons involved.

The selection of plays for this year's season at the Freddy Wood began in March and April on the basis of submissions from members of

the theatre department faculty, who also direct the productions.

Norman Young, assistant professor of theatre and the producer of *The Crucible*, said that other factors, such as the availability of talented student actors and matching a production with a play on the English department curriculum in the coming year, are considered in making a final selection.

By mid-September, the play's director, Stanley Weese, and scenery/lighting designer Robert Gardiner, both members of the UBC theatre department, had approved the concept of the set, which Gardiner then converted into architectural drawings. Actual construction of the set began Sept. 29 under the theatre's technical director, Ian Pratt.

In a good-natured way, everyone involved with the play agrees that its director, Stanley Weese, is depending on who you talk to the king, the main man, the dictator. He has overall responsibility for every detail of the production, including set design, the auditioning and choice of the actors, makeup, even the props that create the period atmosphere on stage.

"Some directors simply impose their will on the production group and the production itself," Weese said. "It's my belief," he added, gesturing in the direction of the core group gathered for the Friday-morning production meeting, "that all these heads are better than mine alone."

He said the biggest problem he faces is trying not to exhaust himself and the student actors, who rehearse daily for four weeks prior to opening night.

The Friday-morning meeting of the core production group, including Weese, Young, Gardiner and Pratt, discusses problems and plans for the upcoming week.

Chairing the meeting is stage manager Kevin O'Brien, a fourth-year theatre student and the director's right-hand man, who takes over the production when it opens and is responsible for seeing the everything happens at the right time. He has two assistants.

Brian Jackson, the theatre's costume designer, and Rosemarie Heselton, costume supervisor, will create a total of 23 costumes for the actors. All of the women's dresses will be made of new material but most of those worn by the men will be taken from the theatre's stock of period costumes.

Cynthia Johnston, an unclassified student doing graduate work in theatre, instructs most of the play's 21 actors in the application of makeup suited to the play. She'll appear nightly during the production, however, to make up two of the central characters.

Sherry Milne, the theatre's property supervisor, is responsible for seeing that authentic furniture and other properties are acquired and in place for the production.



(back row) Norman Young (left), Kevin O'Brien, Ian Pratt, Robert Gardiner, Cynthia Johnston. (front row) Sherry Milne (left), Stanley Weese, Rosemarie Heselton.

Competition stiff to win place in film program

UBC's program in Film and Television Studies is booming, reflecting a general boom in local film-making that has made B.C. the most active production centre in Canada.

UBC students enrolled in the Film/Television program are currently getting hands-on experience on two major productions:

* A co-production with the CBC that will result in a half-hour drama for a series entitled "Lies from Lotus Land"; and

* Eight half-hour programs, entitled "Images B.C.", written by Marc Pessin of the fine arts department, exploring the art and artists of the province.

The latter series is being made in co-operation with UBC's Media Services and will be aired on the Knowledge Network and possibly the CBC.

The B.C. boom in film-making is a result of a devalued Canadian dollar, our "Super, Natural" scenery and a pool of well-trained film production personnel--many of them trained at UBC--according to Prof. Joan

Reynertson, who heads the film/TV program in the Department of Theatre.

"We like to think our program is a nice balance between the theoretical--criticism, theory and history--and actual production. Most of students are primarily interested in production and are very loyal to B.C. Most of them want to stay here and work, which is realistic in the light of the expanding film and TV industry in the province," she said.

This year, to choose the 12 students who are admitted annually to the two-year program, Prof. Reynertson and her colleagues screened nearly 100 films from 60 applicants.

"Our reputation as a quality program is somehow spreading abroad," she said, "because I get literally hundreds of enquiries and applications, some of them from unlikely places such as Inner Mongolia, Sri Lanka, various African countries and mainland China."

She said it's obvious that there is an urgent need in developing countries for film training. Canada should take the lead in developing an international school that would train film production experts who would return to their native countries to train others, Prof. Reynertson said.

It's a tribute to the program that, despite inadequate production space and equipment, UBC film/TV students have won the national student film competition on two occasions and are regular winners at the B.C. competition.

Sometime this year the program will get its first major equipment upgrading in a decade. A new mixing facility for blending film and sound will be installed in Brock Hall annex, where the 24 undergraduates, nine graduate students and most of the faculty--three full-time, two part-time--associated with the program are housed.



UBC grads benefit from boom in film making.

Young writers in workshop series get head start

Young people who yearn to be writers can take advantage of a series of 'New Shoots' workshops offered by the UBC Department of Creative Writing. The three year old 'New Shoots' programme is a co-operative effort between the department and the Vancouver School Board. It offers young people a chance to develop their writing skills through constructive, practical criticism and to meet other aspiring writers of their own age.

Through the open studio workshops, which are modeled on those in the Creative Writing Department, students share the material they have been working on and get feedback from their peers and the workshop leader. "This mixing is an important part of the development process," said George McWhirter, head of the UBC Creative Writing department. "Students get peer support and they get a chance to see what other writers are doing in other schools."

Participation has increased dramatically in the two years of operation. Last year more than 100 students from 12 Vancouver high schools took part; this year the VSB anticipates 150 students from all but one of the 18 Vancouver schools.

Students may attend one or all of the nine workshops in the series, which runs from November to April. At the end of the session, the best writing material is published in a softcover book and distributed to every high school in B.C. The VSB has also sent copies of the book as a gift to Odessa, Vancouver's sister city in the Soviet Union.

As part of UBC's Open House festivities, the Creative Writing department has invited students from all over the province to take part in a special New Shoots workshop March 7. McWhirter would like to see this kind of province-wide participation on a regular basis. But he admits the logistics of distance, and the problem of funding, makes provincial participation difficult.

It's not only the high school students who benefit from the New Shoots workshops. The Creative Writing graduate students who lead the sessions also gain. "It rounds out their education," McWhirter said. "There's no better way to learn than by teaching."

The department offers individual workshops in every single form of creative writing--except for song lyrics. "If we had that, we would have everything," McWhirter said. He added that many young writers start out writing poetry because it is the quickest and easiest form of expression. One of the tasks of the Creative Writing Department is to introduce them to other forms of writing.

Students may elect to take workshops in short story writing, novels, children's literature or creative non-fiction. They can learn to write for the stage, screen, radio or television; or elect courses in literary translation and editing. Many graduates of the program have created illustrious careers out of their literary endeavours.

Music alumni heard around the world



Judith Forst

The School of Music is a vital contributor to the cultural life of Canada, and beyond--wherever graduates are working, teaching, or performing, wherever scholarly publications are read, and wherever Canadian compositions are performed.

Locally, the most obvious contribution made by the School, its students and its faculty are the almost 200 concerts given every year. Many of these concerts are free, and all are open to the public. They include student recitals given to fulfill performance requirements at the Bachelor, Masters and Doctoral levels; two professional concert series, the Wednesday Noon-Hour Series (featuring professionals from around the world) and the Faculty Concert Series (featuring UBC faculty); and numerous guest artists who travel to UBC to teach and perform. Noted guests have included master teachers and performers such as Maureen Forrester, Elly Ameling, and Menahem Pressler, who all enriched the education of UBC students with their skill and experience.

In addition, local, regional and national broadcasts of concerts by CBC-AM, CBC-FM, CHQM and Co-op radio reach large numbers of people who are unable to attend the performances.

UBC Music students perform at jazz clubs, concert stages and private functions in locations throughout Vancouver, and several

faculty members are also involved in the local scene. For example, Cortland Hultberg, director of the UBC Chamber Singers, is also director of the prize-winning Phoenix Chamber Choir, while James Fankhauser, director of the University Singers, also directs the Vancouver Cantata Singers.

Music faculty and students enter and win many national and international competitions--the University Singers have just won first prize in the recent CBC National Choral Competition, making them eligible to compete in the BBC International Choral Competition this year.

UBC Music graduates can be found in most of the orchestras in North America, as many play for European and Asian orchestras, as well as in chamber ensembles and professional choral groups. Many have flourishing solo concert careers--including international opera singer Judith Forst and pianist Jon Kimura Parker. Forst, who sings with major opera companies such as the Metropolitan Opera and the New York Opera recently received a UBC alumnae of the year award in recognition of her significant achievements in music. Parker shot to world fame when he won the 1984 prestigious Leeds International Piano Competition and his reputation continues to grow every year.

Other graduates become teachers in performance skills, music history, theory and composition, continuing a tradition of excellent and caring teaching. Some of our graduates, such as singer Alexandra Browning, and composer and brass instrumentalist Ian McDougall, have returned to UBC to teach.

UBC faculty often perform outside Canada, raising the profile of UBC's Music faculty--Robert Silverman and Jane Coop, two of Canada's finest pianists, are both touring the Soviet Union in separate tours this year. Silverman will also perform in Lisbon and New York, while Coop will go to the Kennedy Center in Washington, D.C.

UBC has one of the world's leading scholars in the study of medieval church music, Dimitri Conomos, who travels the world for his research projects. Two publications in the past year have reinforced his leading role as a music historian.

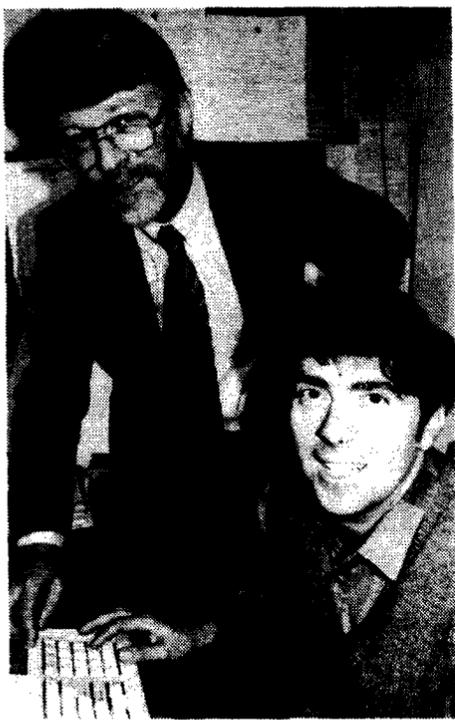
One of the people to watch in the future is John Roeder, new to the permanent faculty just this year, who is a world leader in the computer analysis of modern music. Roeder will be using UBC's first-class electronic studio, recently augmented with some of the latest electronic music equipment.

UBC also has many fine composers who are in constant demand for their work--people such as faculty member Stephen Chatman and Alexina Louie, a B.Mus. graduate in 1970. Louie was recently commissioned to write the opening fanfare for Expo '86.



The UBC Music School puts on almost 200 concerts a year.

Editors on campus share similar tales - and woes



Denis Sjerne (left) and John Fournier.

Editors are the unsung heroes of journal publication. They receive and evaluate scholarly work, consult with authors and editorial staff while preparing a manuscript for publication, and often become involved with problems in printing, accounting, and compiling subscription lists. Their position is usually entirely voluntary.

An informal survey of UBC faculty members who are editors gives some idea of the range of publications they edit, and some of the problems they encounter. Despite long hours, most editors agreed there was a certain satisfaction in producing a vehicle for scholarship.

Two of the more well-known publications from UBC are *Canadian Literature*, edited by William New, professor of English, and *Pacific Affairs*, edited by Political Science professor, Stephen Milne. Both are prestigious journals in their field. *Canadian Literature* was the first Canadian journal devoted completely to Canadian writers and writing. It offers a variety of articles, including book reviews and personal memoirs, which give it a broader base of readership than most academic publications. This means that individuals subscribe to it, in addition to university and college libraries.

Journals can be an effective advertising tool for the university, and add stature to the department with which they are associated.

New has been involved with the publication of *Canadian Literature* for 27 years, and editor for the past nine. "It establishes the university as a major source of Canadian Studies in the world," he said.

Pacific Affairs publishes contemporary or historical articles about Pacific Rim countries, and distinguishes itself from other publications in the field by reviewing over 200 books a year. Milne receives over 100 manuscripts a year from prospective authors, and describes his editor position as "almost hard labour".

Pacific Affairs was originally published in New York. It moved to Vancouver in the 1950's when McCarthyism made it subject to harassment in the States. Despite this move, the journal is still printed in Richmond, Virginia.

Some journals begin in a small way, as newsletters for academic associations. The *Canadian Journal of Irish Studies* was begun in this way by a group of interested faculty at UBC. With the aid of grants, the publication grew from simple, mimeographed sheets to a bound volume that has a world wide subscription list.

"We are the only Irish journal of this nature in Canada," said English professor Andrew Parkin, the first and current editor. The journal is unique because its selection of articles is not limited to Irish writers or Irish literature. Any manuscript relating to Irish culture is considered.

Parkin said he enjoys playing a part in developing Irish studies in Canada. Other universities are often eager to have a journal published from their campus, he added, because of the prestige involved. But this enthusiasm does not often come with financial support. Like many publications, the *Canadian Journal of Irish Studies* is facing a future of diminishing funds. It has recently begun to accept advertising in an effort to keep itself afloat.

The problem of funding is paramount with all but the largest journals. Subscription revenue seldom meets escalating publishing costs. In addition, the recession has forced many university and college libraries to cut back drastically on their subscriptions. Many editors have had to search for new ways to augment their funds.

The *Canadian Mathematical Bulletin* has a similar publication history. It began as a newsletter for the Canadian Mathematical Society, publishing society minutes and notes. "That's a terrible way for a journal to start," said Mathematics professor, Denis Sjerne who, along with colleague John Fournier, has been editor for the past year. Earlier editors

adopted a rigorous editorial policy to improve the quality of the journal. It now publishes only scholarly articles and ranks highly in its field.

Fournier said he became editor "because it seemed like an interesting change of pace" and because he felt a responsibility to the mathematical community.

Allan Evans and Richard Unger, from the Classics and History departments respectively, revived a successful American journal that had ceased publication. As part of a UBC group that organized an annual Medieval conference, Evans and Unger saw a need to publish conference papers and the *Studies in Medieval and Renaissance History* was reborn. Evans said the project involved much more work than either of them had expected. During its eight years in print, the journal has established its niche publishing scholarly articles that are too short for books, and too long for other journals.

"We have had success with Canadian authors who might not have published elsewhere," Unger said. In a couple of cases, the journal aided young scholars who were "getting lost in the shuffle" and, by publishing their manuscripts, started them on their careers. "I feel good about that," Unger said.

The *Canadian Journal of Microbiology* has been published by the National Research Council since the turn of the century. In its early years, it was the only journal of microbiology in the English speaking world. As is common for this type of publication, coordination of editorial staff is a national effort. The journal is printed in Ottawa, the editor-in-chief is at the University of Edmonton, and section editors like UBC professor of Microbiology, Richard Warren, are spread out across the country.

Warren has been a section editor for three years. "They were desperate for people to do this job," Warren said. "My feeling is we have an obligation to do this for a certain period of time." Editorial positions are often a set term of three to five years, after which the position may go to faculty members at another university.

The *Canadian Journal of Microbiology* is subscribed to internationally, but it is perhaps not as prestigious as one or two other journals in the field. For scholars trying to publish their manuscripts, this means they may have more chance of being accepted. The reputation of a journal is based on a number of factors, including who the editors are, the circulation of the publication, and editorial policy. "I would like to think we're always improving the calibre of the journal," Warren said.

Wine cellar yields treasures

A history professor stumbles upon a collection of documents in the wine cellar of a Scottish castle. As he examines the mildewed papers, the realization dawns that he holds in his hand a rare find of unique and valuable material.

Truth is often stranger than fiction as one UBC professor found out. Dr. David Breen of UBC's History Department recently uncovered a collection of documents in exactly the manner described. Breen was in Scotland in 1984, to research Scottish companies who were involved in early oil exploration in Canada.

While waiting one day for some documents in the Scottish Record Office in Edinburgh, he was browsing through an inventory reference volume. A one line entry caught his attention. It mentioned crofter settlers in Canada and the name of a Scottish estate.

Breen did not get an opportunity to follow up the entry until another trip in 1985. It turned out that the papers were in the basement of Cluny Castle, near Aberdeen, and consisted of official and personal correspondence between the landowner, Lady Gordon-Cathcart, and the families she sponsored during 1883 and 1884, to start a new life on the Canadian prairies.

The material was already disintegrating from neglect and the dampness of its storage area. Breen says in another ten years much of the information would have been lost to scholars.

What makes the papers remarkable is that they are an unusually detailed account, spanning 50 years, of the first organized group of overseas settlers to emigrate to Saskatchewan. As such, they provide scholars with a window to view the adaptation of these early pioneers to the frontier territory. "The body of records is unparalleled anywhere," said Dr. Breen.

In the late 1800's, the life of the crofter

tenants on Lady Gordon-Cathcart's lands in the Hebrides was one of hardship and poverty. To ease their situation, and the condition of those who remained, Lady Gordon-Cathcart offered 50 families a chance to start a new life in Canada. She paid their passage and loaned each family a sum of money to assist them in starting up a farm. Lady Gordon-Cathcart kept title to the settler's land in Canada; it reverted to the settler when the loan had been repaid in full.

"What is remarkable is how long it took people to pay back the money," said Breen. "In many cases the second generation was still paying off the loan in the 1920's." The situation of indebtedness was the reason for the continued correspondence between the castle estate and the settlers between 1880 and 1930.

"The papers convey something of the pace and character of agricultural development in the early Canadian West," Breen said. The group of crofters split into two groups, one settling near what is now Regina, the other in the southeastern part of the province.

"Life on the prairies proved as hard as that in the Hebrides," Breen said. "Mortality rates were high; often the head of the household died within ten or fifteen years leaving his widow and children to manage the farm." It took half a century or more for the farms to become successful. "It reminds us that the programs of prairie settlement were very slow, and the returns meagre," Breen said.

Upon his return to Canada, Breen approached the Glenbow Alberta Institute and the Provincial Archives of Saskatchewan to enlist their help in preserving the documents by transferring them to microfilm. He has just returned from Scotland with the microfilm, having convinced the Gordon family of Cluny castle that their papers were neither "dreary estate matters" nor "too recent" to be extremely valuable to Canadian historians.

Successful therapy reduces violence of men to wives

A group therapy treatment program initiated in 1982 by a University of B.C. psychologist has been highly successful in reducing the recurrence of assaults by husbands on their wives.

Dr. Donald Dutton, who runs the Assaultive Husbands Program under a contract with the provincial attorney-general's office, has followed up 50 husbands who were treated after being convicted of assaulting their wives.

He found that only 4 per cent had reoffended within two and a half years of treatment.

On the other hand, Dutton found that in a control group of 50 husbands who had not been treated under the program, 40 per cent had reoffended within two and a half years.

Dutton became interested in the problem of wife assault in the mid-1970s, a time when it was assumed that society was more tolerant of violence towards women.

"My clinical experience was at odds with that point of view," he says. "Survey data I had collected clearly showed that people condemned such behavior."

At about the same time, he adds, there developed a grass roots movement, largely through the urging of the women's movement, that put pressure on the criminal justice system to begin to exercise their power under the law.

"Up to that time," he says, "the justice system was reluctant to get involved on the grounds that husband-wife problems were a private matter and that society shouldn't intervene. Unfortunately, that position affords no protection under the law for women."

Changes in the law in the years that followed have enabled the police to charge husbands when they have reasonable grounds to suspect that wife assault has taken place.

Most of the 160 men who have been through the program are first offenders, aver-

age age 31, who were assigned to therapy as a condition of their probation. Groups of eight or nine meet once a week for 16 weeks. They participate in three-hour sessions with two therapists and a UBC graduate student in clinical psychology.

Dutton notes that the unemployment rate for the men in the program is double the normal rate. "The justice system tends to be selective toward the lower end of the socio-economic scale," Dutton says, "and, for a variety of reasons, professionals and others high in the socio-economic scheme of things don't wind up in these groups."

Dutton emphasizes, however, that those assigned to the program are not psychiatrically disturbed or psychopathic. "There is a great deal of variability," he adds, "but in general the husbands we see are contrite and sorry about what they have done."

In the therapy sessions, "we try to get them to understand they have a choice, that when they get angry they don't have to become violent," Dutton says.

Dutton has also gathered data that is designed to answer the question: "If a husband is repeatedly violent, how does he manage to make it palatable to himself?"

"Husbands rationalize the problem in a number of ways," Dutton says. "Some minimize the severity of the problem, some blame it on something outside themselves, such as alcohol, and some blame their wives."

Correction. Please note that Jane Fredeman, Acquisitions and Managing Editor for the UBC Press, was incorrectly identified as Marie Stephens, Press Marketing Manager in UBC Reports, Oct. 23.



Cluny castle near Aberdeen, Scotland.

PEOPLE



Prof. George Curtis

Prof. George Curtis, dean emeritus of the Faculty of Law, is the first recipient of the Law Society Award instituted earlier this year by the Law Society of B.C.

The award recognizes persons who have "unimpeachable good character with a reputation for high professional integrity and honesty, who have significant accomplishments in their professional career, who have made exceptional volunteer contributions of time and energy to the advancement of the legal profession, and who have made an outstanding contribution to the betterment of the law or the improvement of the justice system."

The award, which takes the form of a bronze statue of Sir Matthew Baillie Begbie cast by B.C. sculptor Ralph Sketch, was presented to Prof. Curtis at a Law Society dinner at the provincial Law Courts early in November.

The Association of Administrative and Professional Staff at UBC has elected a new president, **Diana Crookall**, who is an administrative assistant in the Biochemistry Department. The Association also elected a new Executive Board.

In the final draw for the campus United Way campaign, five lucky people won lunch with UBC President, Dr. David Strangway. The winners were randomly selected from donor pledge cards in a public draw, November 5. They are: **Susan Chan**, Health Services Research and Development; **James Thornton**, Department of Administrative Adult and Higher Education; **Brian Seymour**, Mathematics Department; **Harvey Schnelder**, Triumpf; and **Oshika Ayako**, School of Physical Education.

Prof. Robert Blair, head of the Animal Science Department, has been elected president of the Canadian Society of Animal Science (Western Branch). Dr. John Vanderstoep, a member of the Food Science Department, was awarded the Institute Award by the Canadian Institute of Food Science and Technology at their annual meeting in Calgary.

Recent appointments in the Faculty of Agricultural Sciences include Prof. Victor Lo, as head of the Bio-Resource Engineering Department, and Mr. Nells Holbek, as director of the UBC Research Farm at Oyster River.

David Vogt, Curator of the Geophysics and Astronomy Department, has been elected Chairman of the CBC Advisory Council on Science and Technology (English Services Division) after serving as a member since 1984. The Advisory Council meets with CBC executives and producers in order to enhance the quality and quantity of science and technology presented in national radio and television programming. Members of the UBC community are encouraged to provide Vogt with scientific and technological news and story ideas, program reviews, and comments regarding accuracy of reporting, use of Canadian experts and other concerns.

Prof. Charles Bourne of UBC's Faculty of Law has received the prestigious John E. Read Medal from the Canadian Council on International Law. The award is made in recognition of outstanding contributions to the cause of international law and international organizations.

Bourne, who was educated at the University of Toronto, St. John's College, Cambridge, and Harvard University, joined UBC's Faculty of Law in 1950. In addition to

teaching and research activities, he served for 12 years as Advisor to the President on relations between the Faculty Association and the university.

Bourne has served as president of the Canadian Council on International Law, the Canadian Branch of the International Law Association and the Canadian Association of Law Teachers, as vice-president of the Canadian Association of University Teachers, and was a member of the Permanent Court of Arbitration from 1978-84. He was elected a Fellow of the Royal Society of Canada in 1979.

A number of UBC faculty members are the authors, co-authors or editors of text books and other works published recently in Canada.

Prof. John Dennison of the Faculty of Education is the co-author, with Paul Gallagher, president of Vancouver Community College, of the first critical analysis of provincial and territorial college systems in Canada's Community Colleges, published by the UBC Press.

Profs. Robert C. Allen and Gideon Rosenbluth, both members of the Department of Economics, are the editors of Restraining the Economy, a collection of 15 essays commenting on various aspects of B.C.'s restraint program. The essays, published by New Star Books, are by members of the B.C. Economic Policy Institute.

Prentice-Hall Canada has recently issued a second edition of the Canadian Writer's Handbook, by William E. Messenger and Jan de Bruyn, both long-time members of the English department; a second edition of Active Voice: An Anthology of Canadian, American and Commonwealth Prose, by Prof. Messenger and colleague Prof. William New; and Canadian Short Fiction, by Prof. New.

Michael Smith has done it again.

A professor in UBC's biochemistry department, Dr. Smith has received another honor for his research, the second this year.

He is one of 10 scientists to receive the Gairdner International Award. Two other winners are from Switzerland, two from the U.S., one from Australia and four others from Canada.

The Gairdner award includes a prize of \$20,000.

Earlier this year Dr. Smith was elected a

fellow of the prestigious Royal Society of London in recognition of his research.

He is internationally known for developing a method of modifying genes on cell chromosomes in a specific way and in a specific location. The technique is now used all over the world.

Prior to his work, scientists analysed genes by random mutations and searched thousands of random samples until a desired change finally showed up.

Marguerite Primeau (Associate Professor Emerita of French) has been awarded the Prix Champlain (\$1,000) by the Conseil de la Vie Francaise en Amerique du Nord. The award represents first prize for French fiction published outside of Quebec and was for her third novel, Sauvage-Sauvageon, published in Saint-Boniface in 1984.

To mark the retirement of Prof. Margaret Prang from the UBC Department of History, the UBC journal B.C. Studies has produced a special double issue sub-titled "Vancouver 1886-1986." Prof. Prang was a founding editor of B.C. Studies, a 25-year member of the history department and its head for a total of six years and president of the Canadian Historical Association in 1976-77. Ten articles in the journal deal, among other things, with aspects of the socio-economic, ethnic and educational life of the city, which celebrated its centennial this year.

Trish Whitford, budget analyst in Budget Planning and Systems Management, is the winner of the 1986 gold medal of the Certified General Accountants Association. The medal is awarded annually for the person who has achieved the highest marks in Canada in years four and five of the CGA program.

Dr. Daniel Overmyer, head of the Department of Asian Studies is the co-author, with David K. Jordan of the University of California, of The Flying Phoenix, an analysis of sectarian religious societies in contemporary Taiwan, published by Princeton University Press.

UBC Calendar

THE VANCOUVER INSTITUTE



Saturday, Nov. 29

Cures in Cancer. Dr. John M. Goldman, University of London and Hammersmith Hospital, England.

Lecture Hall 2, Woodward Instructional Resources Centre. Free. 8:15 p.m.

SUNDAY, NOV. 23, South Pacific Music and Dance.

"This is Polynesia". Includes Samoan coconut dance, Tongan Soke (stick) dance, Tahitian dances and Hawaiian hula with guitar and Tahitian drumming. Free with museum admission. Enquiries: 228-5087. Museum of Anthropology, Great Hall. 2:30 p.m.

MONDAY, NOV. 24 University Singers

James Fankhauser, director. Repeat of Nov. 22 concert. Recital Hall, Music Building. 12:30 p.m.

Mechanical Engineering MECH 598 Seminar.

Rotating Cylinder Boundary Layer Control. F. Mokhtarian, Graduate Student, Mechanical Engineering. Room 1215, CEME Building. 3:30 p.m.

Biochemical Discussion Group.

Platelet factor 4 and ribonuclease structure. Dr. B. Edwards, Wayne State University. IRC #4. 3:45 p.m.

Preventive Medicine and Health Promotion Lecture.

Health Promotion in Community Medicine. Dr. Rick Mathias, Head, Division of Public Health Practice, Health Care & Epidemiology, and Dr. Peter Reynolds, Medical Health Officer, nanaimo Health Unit. Enquiries: 228-2258. Room 253, James Mather Building. 4-5:30 p.m.

Astronomy Seminar.

Voyager Results from Uranus. Dr. Torrence V. Johnson, Jap Propulsion Laboratory, Pasadena, California. Woodward III (IRC 3). 4 p.m.

General and Comparative Physiology Seminar.

Metabolic dormancy in artemia embryos. Dr. S. Hand, University of Colorado. Room 2449, Biological Sciences Building. 4:45 p.m.

Men's Basketball.

UBC Thunderbirds vs. St. Martin's College. War Memorial Gymn. 8:00 p.m.

Planetarium Lecture.

Canada's Role in the Search for Extra-Terrestrial Intelligent Life. Dr. Philip Gregory, Physics, UBC. Admission \$2. H.R. MacMillan Planetarium, 1100 Chestnut Street. 8 p.m.

University Singers.

James Fankhauser, director. Music by Bach, Britten, Bernstein & Verdi. Recital Hall, Music Building, 8 p.m.

TUESDAY, NOV. 25 Health Promotion & Systems Studies.

Meeting of Health Studies Exchange, individuals interested in interdisciplinary exchange and collaboration in the area of health and its promotion through behavioural modification, lifestyle change, counselling and education. All interested, please attend. "Update on REST: Restricted Environmental Stimulation Therapy." Dr. Peter Suedfeld, Dean Faculty of Graduate Studies & Professor, Psychology. Enquiries: 228-2258. IRC 4th Floor Board Room. 12:30-1:30 p.m.

Xerox Lecture in Applied Chemistry.

Polysilanes - High Polymers Based on Silicon and their

Technological Applications. Prof. Robert C. West, Chemistry, University of Wisconsin. Room 250, Chemistry Building. 1 p.m.

Electrical Engineering Seminar.

Decentralized Control for Local Area Networks. Prof. S.C. Thomopoulos, Southern Illinois University. McLeod 402. 1:30 p.m.

Oceanography Seminar.

Urea and Nickel Utilization by Coastal and Open ocean Phytoplankton. N. Price, Oceanography, UBC. Room 1465, Biological Sciences Building. 3:30 p.m.

Statistics Workshop Seminar.

The 6/49 and Related Lotto Games. Dr. William T. Ziembra, Faculty of Commerce, UBC. Room 102, Ponderosa Annex C. 3:30 p.m.

Metallurgical Engineering Seminar.

Electron Beam Hearth Remelting. David W. Tripp, Graduate Student, Metallurgical Engineering, UBC. Room 317, Frank Forward (Metallurgy) Building. 3:30 p.m. Coffee in Room 308 at 3:00 p.m.

Comparative Literature Colloquium.

Fifth in the series. Folktale Structure in the Bible: Vladimir Propp's Morphology and the Book of Ruth. Prof. Alexander Globe, English, UBC. Buchanan Penthouse. 3:30 p.m.

Statistics Seminar.

Parameter Estimation from Catch and Effort Data. Dr. D. Ludwig, Mathematics, UBC. Room 102, Ponderosa Annex C. 3:30 p.m.

Museum of Anthropology Special Event.

Integrating scientific research on Neanderthal man with fictional narrative in books such as Clan of the Cave Bear, The Valley of Horses and Mammoth Hunters. Jean Auel, author of the above books, will be at UBC Bookstore at 3:30 p.m. to autograph Mammoth Hunters. Lecture at IRC #8. 7:30 p.m.

Research Centre Seminar.

Gut Signals for Islet Hormone Release; Experimental Manipulation of the Gut-Pancreas Axis. Dr. Raymond A. Pedersen, Department of Physiology, UBC. Refreshments provided at 3:45 p.m. Seminar Room 202, Research Centre, 950 West 28th Avenue. 4:00 p.m.

WEDNESDAY, NOV. 26 Pharmacology & Therapeutics Seminar.

Properties of junctional currents at the glutamate-sensitive neuromuscular junction in Drosophila larvae. Dr. J.G. McLarnon, Department of Pharmacology & Therapeutics, Faculty of Medicine, UBC. Room 317, Basic Medical Sciences Building, Block "C". 12:00 noon.

Classics Lecture.

Misogyny and Pornography in Ancient Rome. Prof. G. Williams, Classics, Yale University. Buchanan A100. 12:30 p.m.

Staff Pension Plan.

A discussion of the UBC staff pension plan and question and answer session. Maureen Simons, manager, Faculty and Staff Services. Lecture Hall 3, Woodward Instructional Resources Centre. 12:30 p.m.

Forestry Seminar.

Integrated Resource Management. Mr. John Cuthbert, Chief Forester, Ministry of Forests. Room 166, MacMillan Building. 12:30-1:20 p.m.

Chemistry Seminar.

Chemistry of the Silicon-Silicon Double Bond. Prof. Robert C. West, Chemistry, University of Wisconsin. Room 225, Chemistry Building. 2:30 p.m.

Geography Colloquium.

Stewardship: Theory and Practice in the Christian Farmers Federation of Alberta. John Paterson, Geography, UBC. Room 201, Geography Building. 3:30 p.m.

UBC Calendar

Noon-Hour Concert.

Stephen Boswell, guitar. Recital Hall, Music Building. 12:30 p.m.

Applied Mathematics Seminar.

Kramers-Kroenig Relations for Waves in Random Media. Dr. Richard L. Weaver, Dept. of Theoretical & Applied Mathematics, University of Illinois at Urbana Champaign. Room 229, Mathematics Building. 3:45 p.m.

Animal Resource Ecology Seminar.

Decline of the Seregeti-Mara woodlands: an African who-dunnit. Ms. Holly Dublin, I.A.R.E. and Department of Zoology, UBC. Room 2449, Biological Sciences Building. 4:30 p.m.

Cinema 16.

ANAS OBSERVED. Film biography of writer ANAIS NIN. \$2.00 plus a one-time membership fee of \$1.00. SUB Auditorium, 7:00 & 9:30 p.m.

THURSDAY, NOV. 27 University Chamber Strings.

John Loban, director. Recital Hall, Music Building. 12:30 p.m.

Geological Sciences Lecture.

Water in the Mantle. Dr. Peter Michael, Geological Sciences, UBC. Room 330A, Geological Sciences Building. 12:30 p.m.

Statistics Seminar.

Towards a Robust Analysis of Variance: Concepts and Examples. Dr. Allan Seheult, Mathematics Department, University of Durham. Room 102, Ponderosa Annex C. 3:30 p.m.

Physics Colloquium.

Star Clusters and the Universe. Prof. Gregory G. Fahman, UBC Geophysics & Astronomy. Room 201, Hennings, Building. 4:00 p.m.

Collegium Musicum Ensembles.

John Sawyer, Ray Nurse & Morna Russell, directors. Recital Hall, Music Building. 8:00 p.m.

FRIDAY, NOV. 28 Hispanic and Italian Studies Lecture.

Pirandello and Modernity. Prof. Wladimir Kryszynski, Comparative Literature, University of Montreal. Co-sponsored by the Italian Cultural Institute in Vancouver. Room B-320, Buchanan Building. 12:30 p.m.

Collegium Musicum Ensembles.

John Sawyer, Ray Nurse & Morna Russell, directors. Repeat of Nov. 27 concert. Recital Hall, Music Building. 12:30 p.m.

Medical Genetics Seminar.

Prenatal diagnosis of Hemophilias A & B and Fragile X MR in C.V.S. using DNA analysis. Dr. Barbara C. McGillivray, Medical Genetics, UBC, Dr. Ross T.A. MacGillivray, Biochemistry, UBC, Dr. Colin Hay, Biochemistry, UBC. Parentcraft Room, Main Floor, Grace Hospital, 4490 Oak Street. 1:00 p.m.

Finance Workshop.

The Medium of Exchange in Mergers. Eckbo Giammarino Heinkel, UBC. Penthouse, Henry Angus Building. 3:30 p.m.

Guest Artist Performance.

Dennis Simmons, violin, from London, England. Alice Enns, piano. Recital Hall, Music Building. 3:45 p.m.

Economics Seminar.

Getting Ahead: Perfect Equilibrium in a (Rat Race) Very Competitive Market. James Mirrlees, Oxford and Berkeley. Brock 351. 4:00 p.m.

Thunderbird Men's and Women's Gymnastics.

UBC Men vs. UBC Women. Osborne Gymn. 5:00 p.m.

An Evening of Opera.

French Tickner, director. Scenes from works of Mozart, Verdi, Massenet & Stravinsky. Old Auditorium. 8:00 p.m.

SATURDAY, NOV. 29 UBC Child Study.

First in a series of five lectures with the general title Helping Children Learn, sponsored by UBC's Child Study Centre. First speaker is Dr. Hannah Polowy, Educational Psychology and Special Education, UBC on Factors Affecting Child Rearing Practices in Canada and Japan. Remaining lectures are scheduled for Jan. 24, Feb. 21, March 21 and April 25. Information on fees is available from the Education Faculty's Field Development Office, 228-2013. Child Study Centre, 4055 Blenheim St. 9:30 a.m.-12:30 p.m.

An Evening of Opera.

French Tickner, director. Scenes from works of Mozart, Verdi, Massenet & Stravinsky. Old Auditorium. 8:00 p.m.

SUNDAY, NOV. 30 Vancouver Scandinavian Dancers and Pickled Herring.

Traditional dances including schottisches, polskas, hambos and quadrilles. Free with museum admission. Enquiries: 228-5087. Museum of Anthropology, Great Hall. 2:30 p.m.

MONDAY, DEC. 1 UBC Percussion Ensemble.

John Rudolph, director. Recital Hall, Music Building. 12:30 p.m.

Mechanical Engineering MECH 498 Seminar.

The Effect of Swirl and Spark Location on Turbulent Flame Propagation. Ron Pierik, Graduate Student, Mechanical Engineering, UBC. Room 1215, CEME Building. 3:30 p.m.

Applied Mathematics/Management Science Seminar.

Probabilistic Analysis of Simulated Annealing Methods. Dr. Shoshana Anily, Commerce, UBC. Room 229, Mathematics Building. 3:45 p.m.

Astronomy Seminar.

Observations of Novae in the Virgo Cluster. Dr. Chris Pritchett, University of Victoria. Room 260, Geophysics and Astronomy Building. 4:00 p.m.

Society and Health Colloquium.

The Costs of Caring: An analysis of the effects of gender and marital status on depression. Prof. Jay Turner, Psychiatry, UBC. Coffee at 4 p.m. Room 202, Anthropology/Sociology Building. 4:30 p.m.

General and Comparative Physiology Seminar.

Potassium currents in human atria. Dr. W. Giles, University of Calgary. Room 2449, Biological Sciences Building. 4:45 p.m.

Archaeological Institute Lecture.

New Light on Old Rome. Prof. James Russell, Classics, UBC. Museum of Anthropology. 8:00 p.m.

TUESDAY, DEC. 2 Chemistry Seminar.

Modelling Chemisorption and Catalysis with Organometallic Compounds. Prof. R.J. Puddephatt, Chemistry, University of Western Ontario. Room 250, Chemistry Building. 1:00 p.m.

Metallurgical Process Engineering Lecture.

Design and Performance of Rotary Lime Kilns. Dr. John Peter Gorog, Cascade Technologies, Inc. Room 317, Frank Forward (Metallurgy) Building. 3:30 p.m. Coffee in Room 308 at 3:00 p.m.

Oceanography Seminar.

Using UBC Satellite Imagery to Direct a Ship Study of an Upwelling Filament Off Vancouver Island. Dr. K. Denman, I.O.S. Room 1465, Biological Sciences Building. 3:30 p.m.

WEDNESDAY, DEC. 3 Pharmacology & Therapeutics Seminar.

Alzheimer's disease: Pathology and possible etiology. Dr. E. McGeer, Division of Neurological Sciences, Department of Psychiatry, Faculty of Medicine, UBC. Room 317, Basic Medical Sciences Building, Block "C". 12:00 noon.

Forestry Seminar.

Issues in Policy Toward Non-Industrial Private Forestlands. Dr. Jeff Romm, University of California. MacMillan 166. 12:30-1:20 p.m.

Noon-Hour Concert.

Russian Songs. Alexandra Browning, soprano, Helena Barshai, piano, Eric Wilson, cello, Gwen Thompson-Robinow, violin. Recital Hall, Music Building. 12:30 p.m.

Animal Resource Ecology Seminar.

Some consequences of selective foraging by bumblebees for plant form and reproduction. Dr. Lawrence Harder, Department of Biology, University of Calgary. Room 2449, Biological Sciences Building. 4:30 p.m.

Cinema 16.

Adam's Rib (with Katherine Hepburn and Spencer Tracy) 7:00 p.m. Dance, Girl, Dance, 9:30 p.m. \$2.00 plus a one-time membership fee of \$1.00. SUB Auditorium.

CAIS Seminar.

The State of Computer-Assisted Instruction: A Personal View. Dr. Stephen Lower, Chemistry, SFU. Conference Room, Sedgewick Library. 7:30 p.m.

THURSDAY, DEC. 4 University Wind Symphony.

Martin Bernbaum, director. Old Auditorium. 12:30 p.m. and 8:00 p.m.

FRIDAY, DEC. 5 Basketball.

UBC High School Boys Tournament. All day from 9:00 a.m. War Memorial Gymn.

Faculty Recital.

Vancouver Guitar Quartet. Michael Strut, Alan Rinehart, Mary Ellenton & Allan Morris. Recital Hall, Music Building. 12:30 p.m.

Medical Genetics Seminar.

Clinical Case Presentations. Faculty, Clinical Genetics Unit, Grace Hospital. Parentcraft Room, Main Floor, Grace Hospital, 4490 Oak Street. 1:00 p.m.

Thunderbird Men's Basketball.

First day of annual Thunderbird Tournament. For times call 228-3917. War Memorial Gymn.

SATURDAY, DEC. 6 Basketball.

UBC High School Boys Basketball Tournament. Final day of 8-team contest. All day from 9:00 a.m. Enquiries: 228-3917. War Memorial Gymn.

Thunderbird Men's Basketball.

Finals of Thunderbird Tournament. For times call 228-3917. War Memorial Gymn.

NOTICES ARC Undergraduate Literary Magazine.

Submissions welcome (any genre) for the spring issue. Send a copy of your work with your name, address and a self-addressed, stamped envelope to the ARC letterbox in Buchanan Tower 397. Deadline: Friday, Dec. 5, 1986.

Retrospective Exhibition.

A retrospective exhibition of the paintings and drawings of the late Prof. B.C. Binning, founder and head of the Department of Fine Arts from 1955 to 1968, will be on display at the Vancouver Art Gallery until Jan. 4.

Badminton Club.

Faculty and Graduate Student Badminton Club meets Tuesdays 8:30-10:30 p.m. and Fridays 7:30-9:30 p.m. in Gymn A of the Robert Osborne Sports Centre. Fees \$15.00 per year. New members welcome. Enquiries: Bernie at 228-4025

Faculty Club Exhibition.

Recent Watercolor Paintings by Victor Doray. Dec. 1-Jan. 9/87.

Nitobe Memorial Garden.

From Nov. 13, the Nitobe Memorial Garden will be closed weekends. Hours will be Monday to Friday, 10 a.m. to 3 p.m. Free admission during winter hours.

Botanical Garden.

From Nov. 13, the Main Botanical Garden on Stadium Road will be open daily (including weekends) from 10 a.m. to 3 p.m.

Free Movies & Popcorn.

Every Monday. Sponsored by Graduate Student Society. Graduate Student Lounge. 7:30 p.m. For weekly schedule, call: 228-3203.

Classical Music Nights.

Sponsored by Graduate Student Society. Every Wednesday. Graduate Student Centre Lounge. 8:30-11 p.m.

Theatre Sports.

Improvisational theatre featuring the Vancouver Theatre Sports League. Every Thursday. Admission \$3/Graduate Students, \$4/General. Graduate Centre Ballroom. 8 p.m.

Sale of Christmas Items.

Sponsored by Friends of the Garden. Shop in the Garden, 6250 Stadium Road. Dec. 5, 6 and 7, 11 a.m. to 8 p.m.

Fitness Appraisal.

The School of Physical Education and Recreation, through the new John M. Buchanan Fitness and Research Centre, is administering a comprehensive physical fitness assessment program available to students, faculty, staff and the general public. A complete assessment takes approximately one hour and encompasses the various fitness tests, an interpretation of the results, detailed counselling and an exercise prescription. A fee of \$20 for students and \$25 for all others is charged. For additional information, please call 228-3996, or inquire at Recreation UBC, War Memorial Gym, Room 203.

London Theatre Tour.

UBC's Centre for Continuing Education is offering a London theatre tour Feb. 20 to Mar. 2, 1987. Trip includes six theatre performances, visits to Cambridge University, the Museum of London, the National Portrait Gallery, a tour of the city's theatres, airfare, accommodations and transfers. Cost is \$2,350. For more information, call Jo Ledingham at 222-5207.

Faculty Women's Club.

The Faculty Women's Club of UBC is celebrating its 70th year. All women faculty members and wives of faculty members are cordially invited to join the club. For further information, call Peggy MacGregor, 222-1134.

Volleyball.

Faculty and staff volleyball group meets from 12:30-1:30 every Monday (Gymnasium A) and Wednesday (Gymnasium B) in the Osborne Centre. New or experienced players are welcome to participate in recreational games at anytime.

Pipes and Drums.

Any pipers and drummers among faculty, students and staff interested in practising and playing on campus are asked to contact Dr. Edward Mornin, Germanic Studies, 228-5140.

Oldtimers Hockey.

UBC faculty and graduates have organized an oldtimers ice hockey team which plays a friendly, non-contact game on Mondays from 4:15 to 5:15 p.m., followed by a social hour in the Thunderbird Winter Sports Centre. Additional players are welcome, preferably faculty and staff or former graduates over 50 years of age. Goalies of any age are particularly welcome. This team has been invited to play another oldtimer team in Japan in early May 1987, and a family tour of East Asia is being arranged. For information, call Dr. Lewis Robinson, Geography, 228-3188.

GRANT DEADLINES DECEMBER 1986

RESEARCH GRANT NOTICE

- * Japan Foundation [1]
 - Japanese Studies Fellowship
 - Institutional Project Support Programs
 - Library Support Programs

CHANGES IN GRANT DEADLINES

* The E.A. Baker Foundation for the Prevention of Blindness has advanced its deadlines for the Fellowship and Research Grants competitions to December 1, 1986.

* The Canadian Diabetes Association has extended its deadline for personnel awards (scholarships, fellowships, bursaries, traineeships and studentships) to December 15, 1986.

* The Kidney Foundation of Canada has extended its deadline for the Nephrology Scholarship Program to November 21, 1986.

* The Canadian Lung Association Physiotherapy Section has a deadline of December 1, 1986 for Fellowships, Research Grants, and Studentships.

For more information call the Office of Research Services 82-8582.

FIRST CLASS MAIL

UBC Reports is published every second Thursday by Community Relations, UBC 6328 Memorial Road, Vancouver, B.C. V6T 1W5
Telephone 228 3131. Elaine Stevens, editor
Contributing writers: Lorie Chortyk, Jim Barnham, Peter Thompson.

Calendar Deadlines.

For events in the period Dec. 7 to Jan. 10, notices must be submitted on proper Calendar forms no later than 4 p.m. on Thursday, Nov. 27 to the Community Relations Office, 6328 Memorial Road, Room 207, Old Administration Building. For more information, call 228-3131.