UBC REPORTS

Volume 30, Number 8

October 3, 1984

Faculty women's status reviewed

A six-member committee established by the Faculty Association to review the status of faculty women at UBC has produced a report with 12 recommendations for action and change.

The committee has recommended that:

- A presidential task force be established to continue investigation of the status of women at UBC and recommend appropriate action;
- Departments and schools be required to report to the president annually on measures taken to recruit and retain female faculty members;
- Careful consideration be given in any layoff policy to the fact that a large number of female faculty women are not tenured;
- Practices and procedures governing promotion be reviewed in each department in an attempt to redress discrepancies where they exist between men and women;
- A close examination of salaries be initiated and inequities be removed; and
- More women be appointed to senior administrative positions, be placed on personnel committees, particularly promotion and tenure, and on hiring and selection committees.

The committee also wants the president to establish a committee on sexual harassment that will "develop procedures for the reporting of sexual harassment on a confidential basis and recommend procedures for appropriate disciplinary action if required."

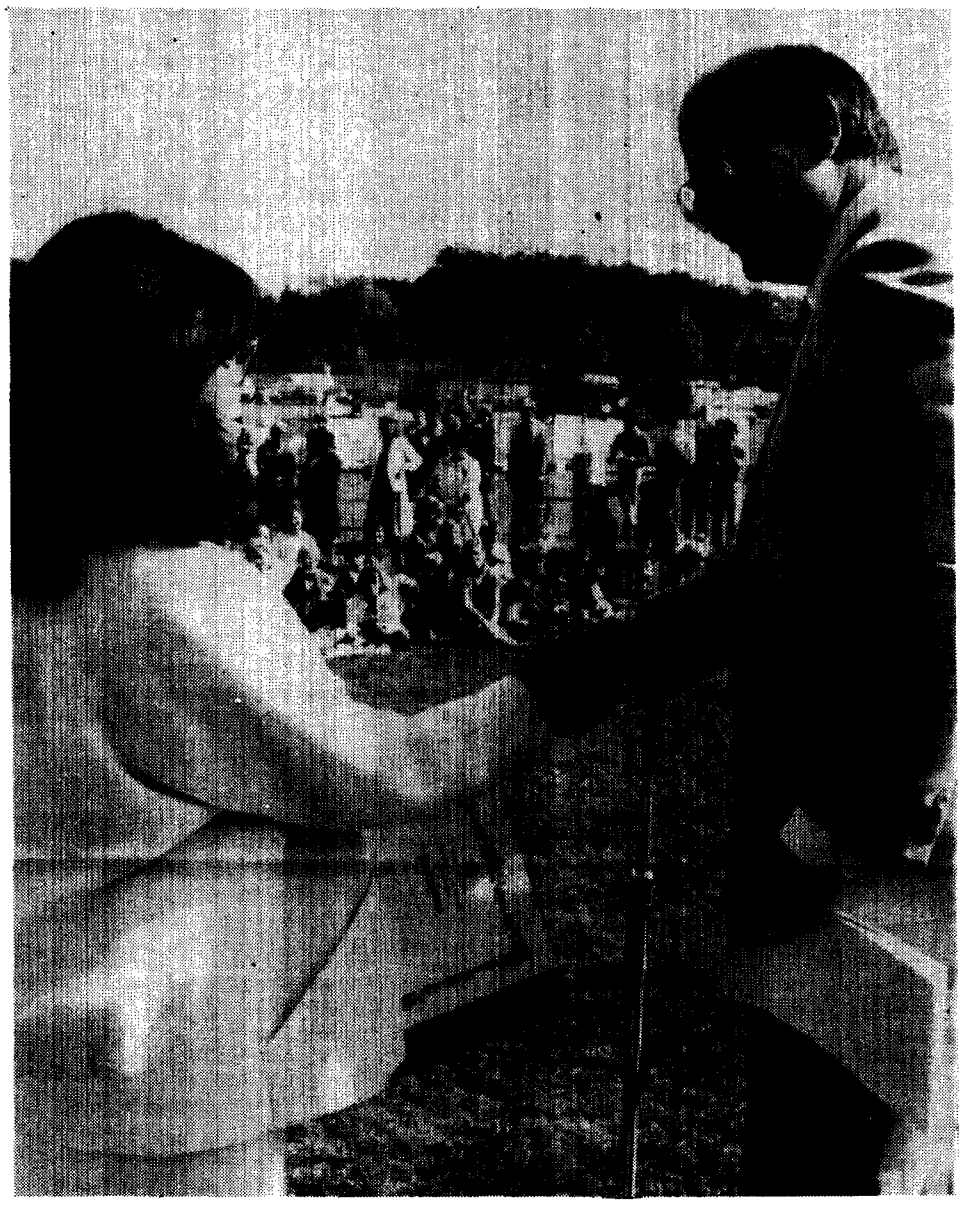
Other recommendations in the report call for development of guidelines on use of non-sexist language for University communciation, elimination of gender-differentiated pay-offs from UBC's pension plan and the collection annually by faculty deans of data pertaining to the numbers of faculty who leave and the reasons for leaving.

In setting out its recommendations, the committee says that the status of women at UBC has improved over the last decade but progress has been slow in a number of areas.

"Women faculty at UBC are a small, albeit growing, proportion of the University community and are more concentrated than men in the lower ranks, earning on the average lower salaries than their male counterparts," the report says.

The committee's report will be discussed in detail by the association at one of its regular meetings tomorrow (Thursday).

Members of the committee were: George Bluman, mathematics; Jane Gaskell, social and educational studies; Harold Knutson, French; Axel Meisen, chemical engineering; Maureen Murphy, nursing (and chair); and Lynn Smith, law.



Mayor Mike Harcourt shakes hands with Margaret Annett, chairman of the Special Education Endowment Fund campaign, after declaring last week Special Education Week. More than 200 special needs children enjoyed a picnic and carnival at UBC's MacInnes Field to mark opening of $500,000 fund drive.

Rally helps Special Ed

The Special Education Endowment Fund got a big boost toward its target of $500,000 on Sunday when 26 teams entered a Celebrity Car Rally and raised close to $50,000.

The 12-checkpoint rally started and finished at UBC. There were cars entered from more than a half-dozen radio stations, CBC television, the Sun and several student groups. A car driven by Chancellor Bob Wyman and navigated by Education Dean Dan Birch raised more than $4,000.

Most of the teams in the rally were sponsored via pledges per point, with a maximum point total of 585. Joan Johnson and Shirley Robertson of Northern Messenger collected only one penalty to win the rally with 584 points.

The car rally was a featured event in Special Education Week, proclaimed Sept. 24 by Mayor Mike Harcourt at a picnic and carnival held at MacInnes Field;

More than 200 special needs children came to the campus for the party. They were entertained by jugglers, puppets and clowns, including Ronald McDonald, and they dined on Big Macs and other specialties of the McDonalds chain.

The Special Education Endowment Fund is the project of an off-campus committee attempting to ensure continuation of the Bachelor of Education in Special Education program at UBC.

The program, which trains teachers to deal with students with learning problems, was a victim of financial cutbacks and no new students were admitted to the five-year program this year.

Cheques payable to the Special Education Endowment Fund may be sent to the Dean of Education, Scarfe Building, Campus. Donations are tax deductible.

Nevin heads 'new' department

Margaret Nevin has been appointed director of the Department of Community Relations at UBC.

She heads what was formerly the University's information services department and reports to David McMillan, who became UBC's vice-president for development and community relations, a new position, July 1.

The appintments are part of a move by the University to strengthen its links with the greater community.

Ms. Nevin, who graduated from UBC with a BA in 1967, also holds a teaching certificate from UBC, a bachelor of journalism degree from Carleton University, and diplomas and a masters degree in communications from Sorbonne University in Paris.

She was communications advisor to Liberal minister Marc Lalonde from 1980 until his retirement before the Sept. 4 election. He was minister of Energy, Mines and Resources and more recently of Finance during that period.

Ms. Nevin's other experience includes positions with CBC radio and television in Ottawa prior to working for the federal government.

Nuclear war topic of major conference

An international conference on nuclear war will be held at UBC Oct. 19 to 21.

The meeting will focus on the risk of nuclear war, scope for arms control and chances for a secure peace.

Sponsors are UBC's Centre for Continuing Education, Physicians for Social Responsibility, Canadian and B.C. Teachers' Federations and Science for Peace.

The corporate sponsor is CP Air.

Speakers will be from the Soviet Union and other European countries, the U.S. and Canada. Among them will be Dr. Howard H. Hiatt, dean of the Harvard University school of public health, who will speak on the cost of the arms race in human priorities.

Other speakers include retired rear admiral Eugene J. Carroll, Jr., deputy director of the Centre for Defense Information, Wash., D.C.; Anatol Rappoport, professor of Peace Studies, University of Toronto and gaming editor of The Journal of Conflict Studies; and retired admiral Robert Falls, former chairman of the NATO Military Committee, Ottawa.

Topics will include the global effects of a nuclear winter, new weapons and their strategy for use, the psychiatric effects of nuclear fear, verifying arms control treaties, banning weapons in space, how to negotiate with the Soviet Union, and Canada's role in shaping the future.

The conference will end with a discussion of practical steps that can be taken by physicians, lawyers, nurses, educators, scientists, journalists, engineers, church leaders and other professional groups.

Welcoming participants will be Vancouver Mayor Michael Harcourt and UBC President George Pedersen.

The meeting follows a public meeting in Ottawa Aug. 22 and 23 on the effects of a nuclear winter sponsored by the Royal Society of Canada. The society is currently studying how a nuclear war would affect the Canadian environment on behalf of the federal government.

It has been suggested that a nuclear war would result in such a concentrated mantle of dust in the atmosphere that sunlight would be diminished to the point of global ecological collapse.

History traced through artifacts

A joint research project that will throw more light on 9,000 years of human occupation in B.C.'s Fraser Canyon, the longest known sequence of occupation in southern B.C., is under way in UBC's Museum of Anthropology.

Dr. David Pokotylo of UBC's anthropology and sociology department and Dr. Donald Mitchell of the University of Victoria are analyzing artifacts gathered two decades ago by Dr. Charles Borden, a UBC professor who is generally considered the "father" of B.C. archeology.

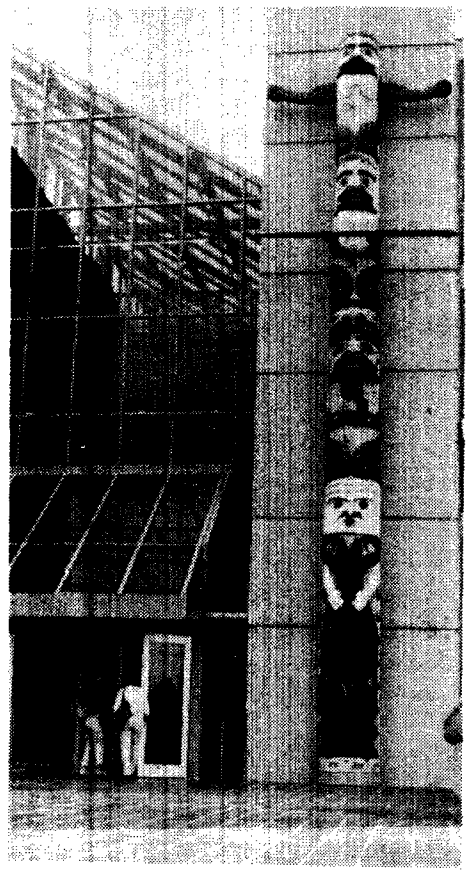
Dr. Borden excavated two sites, Milliken and Esilao, between 1959 and 1963 and established the antiquity of the locality, but never formalized his findings in a detailed archeological report. The materials he gathered were incorporated into the Museum of Anthropology's collections and have been in storage since that time.

Drs. Pokotylo and Mitchell began their in-depth analysis of the artifacts in January.

"The layers of the Milliken site date as far back as 9,000 years, but until the project was initiated we had no detailed information on the artifacts present in these deposits or what they indicated about prehistoric life at various points in time," says Dr. Pokotylo. "With the help of a graduate student this summer we've been able to begin compiling a thorough description of the collections on computer. The number of artifacts to be analyzed is staggering. The Milliken site, for example, contains more than 10,000 catalogued items."

When the research and computer coding is complete, a comprehensive description and analysis of the sequence of occupation will be published.

"We should then be able to outline 9,000 years of human use of the Fraser Canyon," says Dr. Pokotylo.



West Coast Indian artist Art Thompson's Whaling Pole has been erected at the main entrance of the Douglas T. Kenny Building, new home of the Department of Psychology. The 36-foot pole was installed by the Museum of Anthropology to honor Dr. Kenny's contribution to the study of Canadian heritage while he was Dean of Arts (1970-75) and University president (1975-83).

Child Study Centre moves

UBC's Child Study Centre has moved from its quarters on Acadia Road to a heritage building on the site of Kitchener Elementary School in the Dunbar area, a move that coordinator Glen Dixon hopes will mean increased interaction between UBC's education faculty and the Vancouver School Board.

The centre, a unique daycare facility operated by the Faculty of Education, offers a curriculum which involves preschoolers in early childhood education research and observation carried out by faculty members and students. The search for a new location for the centre began earlier this year after fire officials reported that the Acadia Camp army hut being used by the facility no longer met safety standards.

The staff members moved to the Kitchener location on Sept. 4.

Dr. Dixon says the majority of the 90 children registered last year at the daycare have returned this fall. "We've had one or two changes, but that's normal in any year." He adds that the new location, one block east of Dunbar on West 24th, is still very convenient for faculty members and students who use the centre.

The move has meant an increase in classroom space for the centre. "We now have three classrooms instead of two, which means that our two-, three-, and four-year olds will each have their own room," says Dr. Dixon. "But the main advantage of our new location is the potential for cooperative work with the school board. It gives us an opportunity to address ourselves to the continuity between early childhood education and teaching at the kindergarten and primary levels. This continuity has been lacking in research." He adds that he is pleased with the interaction that has already taken place between the centre's staff and teachers at Kitchener School.

The new telephone number for the centre is 736-5571.

Second CBC win for UBC singers

UBC's outstanding mixed adult choir, the University Singers conducted by Prof. James Fankhauser, have done it again.

The group was named on Sunday as the winner of the mixed adult choir category in the fifth (1984) national radio competition for amateur choirs sponsored by the Canadian Broadcasting Corporation. The choir won previously in the same category under Prof. Fankhauser in 1979.

In addition to winning a $1,000 first prize in the 1984 competition, the win means the 1984-85 version of the University Singers will go on to compete in an international competition sponsored by the British Broadcasting Corporation.

Prof. Fankhauser says the $1,000 CBC prize will be added to a travel fund the choir is currently building up to pay for a tour of Europe in 1985.

The choir will perform this week during a Department of Music awards ceremony scheduled for 12:30 p.m. Thursday in the Recital Hall of the Music Building.

$250,000 prize money for car contest

Engineering students from around the world are designing and building cars for the Innovative Vehicle Design Competition (IVDC) at Expo 86, and the winners will be well rewarded.

Jeff Leigh, who heads the student group from UBC that is organizing the competition, said Expo now has guaranteed prize money of $250,000, to be used for scholarships.

He said another $20,000 is available as seed money, to help students in the initial design stage. This money will be allocated by the organizing committee, based on the practicality of proposals.

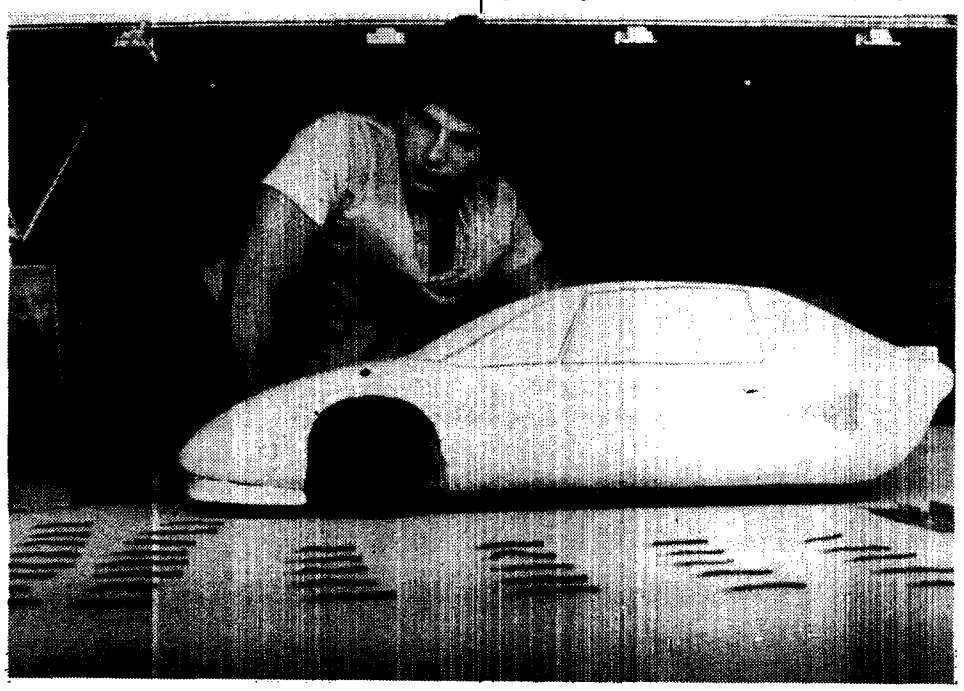
The deadline for entries is Jan. 31, by which time the UBC organizers hope to have 40 to 50 entries from a dozen countries. Among entries already received is one from the University of Kuwait.

The vehicles must be designed and built by an accredited educational institution, must be capable of carrying at least two people, with storage space, and must be licensed in their home country, state or province.

Mr. Leigh said the vehicles will be judged primarily on innovation, with sub-categories of performance, functionality, safety and energy-efficiency.

He said one of the goals of the competition is to review the purpose and function of the modern automobile, "the design of which has not changed, in its essential elements, in 60 years."

Mr. Leigh noted that a vehicle being designed by 11 UBC engineering students features a hydraulic drivetrain that eliminates the need for transmission, driveshaft and differential.



Engineering student Scott Bulych casts a critical eye over a model of an innovative car which was recently subjected to smoke tests in a UBC wind tunnel to pinpoint areas of turbulence and resistance. A total of 11 UBC engineers are on the design team for the vehicle which will be entered in a competition, organized by the UBC engineering school, to be held in conjunction with Expo 86. Features of the UBC vehicle will be a diesel engine modified to burn high octane B.C. natural gas, a turbocharger and a hydraulic drivetrain that eliminates the transmission, driveshaft and differential.

GRANT DEADLINES

Faculty members wishing more information about the following research grants should consult the Research Administration Grant Deadlines circular which is available in departmental and faculty offices. If further information is required, call 228-3652 (external grants) or 228-5583 (internal grants).

NOVEMBER
(Deadline date in brackets)

- American Lung Association
  —Research (1)
- Canadian Israel Fdn. Academic Exchange
  —Canadian Studies Program at Hebrew University (1)
- Canadian Liver Foundation
  —Fellowship Program (15)
  —Research (15)
  —Scholarship (15)
- Canadian Ntl. Sportsmen's Fund
  —Post-Doctoral Fellowship (1)
  —Project Grants (30)
  —Research Grants (15)
- Distilled Spirits Council of U.S.
  —Grants-in-aid for research (1)
- Energy, Mines & Resources Canada
  —Research Agreements Program (15)
- Fitness & Amateur Sport
  —Research Contributions Program (14)
- Hannah Institute
  —Grants-in-aid (1)
- Hereditary Disease Foundation
  —Research (1)
- Kidney Foundation of Canada
  —National Fellowship Program (1)
- Lindbergh, Charles A. Fund
  —Lindbergh Grant (16)
- MRC: Awards Program
  —MRC Scientist Award (1)
  —Research Professorship (1)
- MRC: Grants Program
  —Grants-in-aid: RENEWALS (1)
  —Maintenance Grants Renewal (1)
  —Major Equipment (1)
  —Program Grants (1)
- Muscular Dystrophy Ass. (U.S.)
  —Postdoctoral Fellowships (30)
  —Research (15)
- National Cancer Institute of Canada
  —Equipment (15)
  —Research (15)
- National Research Council (Intl. Relations)
  —France-Canada Exchange (Natural/Applied Sc.) (15)
  —France-Canada Exchange (Social Sc. & Human.) (15)
- North Atlantic Treaty Organization
  —International Collaborative Research (30)
- NSERC: Fellowship Division
  —University Research Fellowship (1) UBC deadline Oct. 11
- NSERC: Individual Grants
  —Conference Grants (1)
  —Equipment (1)
  —Grants for Scientific Publications (1)
  —Individual Research (1)
  —Infrastructure Grants (1)
  —Intermediate and High Energy Physics (1)
  —Northern Supplements (1)
  —Team Research (1)
  —Travel Grants (1)
- NSERC: Major Equipment
  —Major Equipment (1)
- Science Council of B.C.
  —Research Renewals (1)
- Spencer, Chris Foundation
  —Foundation Grants (30)
- SSHRC: Intl. Relations Division
  —Travel to Int'l Scholarly Conferences (1)
- SSHRC: Strategic Grants Division
  —Management Science: Doctoral Completion (15)
  —Management Science: Reorientation Fellowship (15)
  —Management Science: Research Initiatives (15)
- U.S. Dept. of Health, Educ. & Welfare
  —NIH Grants to Foreign Institutions (1)
- University of British Columbia
  —UBC: Killam Senior Fellowship (1)
- Von Humboldt Fdn. (W. Germany)
  —Research Fellowship (1)
- Weizmann Inst. of Science
  —Charles H. Revson Career Development Chairs (30)
- World University Services
  —Awards to Foreign Nationals: Fellowships (1)

Note: All external agency grant applications must be signed by the Head, Dean, and Dr. R.D. Spratley. Applicant is responsible for sending application to agency.

Homecoming Week returns

Homecoming Week returns to the UBC campus this month after an absence of many years, and it returns in a different form.

Instead of the traditional festivities designed to attract alumni back to the campus, the events of Oct. 15 to 19 are essentially for the University's current students.

"We want to let the students know what they've done over the years," says Glenna Chestnutt, AMS Director of Administration and chief organizer of Homecoming '84. "They have reason to be proud of student participation in events that have become part of UBC's history, and we'd like to see today's students become more involved themselves."

There will be pictorial displays in the Student Union Building and the Main Library during Homecoming Week, as well as specific functions each day of the week. Food Services will decorate their facilities in UBC colors, blue and gold, and the traditional cinnamon bun will be on special all week. The Pit and the Gallery Lounge will offer a special drink called 'The Flapper' created for Homecoming '84.

Here is a rundown of Homecoming events:

MONDAY, Oct. 15
Old time classic movies, along with the Great Trek film, will be shown in the Pit.

TUESDAY, Oct. 16
Information Day. A number of service organizations from around campus will set up tables on the main floor of SUB to explain their function and purpose in the University community. Students will say farewell to former chancellor, J.V. Clyne, 7:30 p.m. in the Pit.

WEDNESDAY, Oct. 17
AMS Awareness Day. Students will have a chance to meet the students who represent them on Student Council, Senate and the Board of Governors. SUB concourse, 11 a.m. to 2 p.m. At 7:30 p.m. at Cecil Green Park the 'Just Desserts Party' will offer an opportunity to thank a few of the people who have supported them.

THURSDAY, Oct. 18
The Arts '20 Relay, an annual event organized by Intramural Sports, will fill the noon-hour. This year, 2,000 runners are expected to compete in the annual relay from Vancouver General Hospital to the campus.

FRIDAY, Oct. 19
The Homecoming '84 Dance will take place in the SUB ballroom. A highlight of the evening will be the drawing of the winners of the AMS student tuition lottery.

Fellowship named for Bora Laskin

The federal government has announced the establishment of the Bora Laskin National Fellowship in Human Rights Research, to be awarded annually by the secretary of state beginning with the 1985-86 academic year.

Named for the late chief justice of the Supreme Court of Canada, who received an honorary degree at UBC in 1981, the award will take the form of a one-year fellowship for research on themes and issues relevant to human rights in Canada.

The objective of the fellowship is to encourage interdisciplinary research and the development of expertise in the field of human rights involving the arts, humanities and social sciences, as well as journalism and law.

Further information is available through UBC's Office of Research Services in the Old Auditorium.

CAMPUS PEOPLE

UBC's president, **Dr. George Pedersen,** has accepted an invitation to become a member of the national council of the Canadian Human Rights Foundation, which was founded in 1967.

The foundation, a private, non-profit organization, promotes awareness of and respect for human rights and fundamental freedoms in Canada through national programs of research, education, discussion and publication.

* * *

The University of California Press has published *Letters of King James VI and I* (the Scottish king and son of Mary, Queen of Scots, who succeeded Elizabeth I on the English throne), edited by **Dr. Philip Akrigg,** professor emeritus of English. The book, which includes 228 letters dealing with every aspect of the king's life, also contains a lengthy introduction and notes by Prof. Akrigg.

A UBC graduate and member of the faculty for 34 years, Prof. Akrigg. is also the author of *Jacobean Pageant,* selected by the *New York Times* as one of the 10 best books of the year in 1962, and with his wife, Helen, the co-author of several books on B.C. place names and history.

* * *

Prof. Brenda Beck of the Department of Anthropology and Sociology is serving as vice-president external communications on the 1984-85 executive committee of the Social Science Federation of Canada.

Robin Keirstad, a student in the archival studies program of the School of Library, Archival and Information Studies, is the recipient of the $7,500 Willard E. Ireland Scholarship for the study of B.C. history awarded by the provincial Heritage Trust.

* * *

Dr. Joseph A.F. Gardner, who retired as professor (on Aug. 31) and dean of the Faculty of Forestry (on June 30, 1983), has accepted a four-year appointment as a member of the Canadian Environemtal Advisory Council, a national body which advises the federal minister of the environment.

* * *

Dr. Jorgen Dahlie, head of Social and Educational Studies, gave an invited address — Comparative Patterns of Scandinavian and Finnish Immigration, Settlement and Assimilation in Canada — to an international symposium hosted by the Institute of Migration and the University of Turku in Finland last month. The occasion was the 10th anniversary of the founding of the Institute of Migration.

* * *

Dr. J. Lewis Robinson, professor emeritus of geography at UBC, will receive an honorary Doctor of Laws degree from the University of Western Ontario at UWO's autumn congregation Oct. 25. Dr. Robinson, who retired June 30, graduated from Western in 1940.

* * *

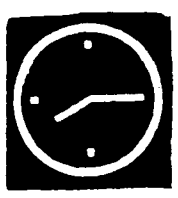
Prof. Patrick Miller, plant science, was one of 36 landscape architects from the United States and Canada who were honored in September by the American Society of Landscape Architects for their professional accomplishments. He received an award of merit for research, one of only two awards to go to Canada.

UBC CALENDAR

CALENDAR DEADLINES

For events in the weeks of Oct. 21 and 28, material must be submitted not later than 4 p.m., on Thursday, Oct. 11. Send notices to Information Services, 6328 Memorial Road (Old Administration Building). For further information, call, 228-3131.

The Vancouver Institute



Saturday, Oct. 6.
How Salmon Find Their Way Home. Dr. Peter Larkin, Animal Resource Ecology, UBC.

Saturday, Oct. 13
Economics and Politics in B.C. Dr. A.R. Dobell, president, Institute for Research on Public Policy, Ottawa.

All lectures take place in Lecture Hall 2 of the Woodward Instructional Resources Centre at 8:15 p.m. Admission is free.

MONDAY, OCT. 8

Thanksgiving holiday. University closed.

TUESDAY, OCT. 9

Reproductive Biology Seminar.
Hormonal Modulation of Dopamine Receptors. Dr. Therese DiPaolo, head, MRC research group in Molecular Endocrinology, University of Laval. Room 2N35, Grace Hospital. 12 noon.

STS Lunch.
Science, Technology, and Society Studies Committee. Music Room, Faculty Club. 12:30 p.m.

Botany Seminar.
Recent Developments in the Transformation of Plant Tissues. Milton Gordon, Biochemistry, University of Washington, Seattle. Room 3219, Biological Sciences Building. 12:30 p.m.

Chemistry Seminar.
Redox Catalysis Based on Transition Metal Complexes. Prof. Thomas J. Meyer, Chemistry, University of North Carolina, Chapel Hill. Room 250, Chemistry Building. 1 p.m.

Oceanography Seminar.
Seasonal Variations of Phytoplankton and Nutrients and their Dependence on Physical and Biological Variables in Waters of Southeastern Vancouver Island. Prof. Lou Hobson, Biology, University of Victoria. Room 1465, Biological Sciences Building. 3:30 p.m.

Agricultural Economics Seminar.
Hungarian Agricultural Policy: Its Successes and Problems. Prof. Marton Tardos, Hungarian Academy of Sciences. Seminar Room, Ponderosa Annex D. 4 p.m.

WEDNESDAY, OCT. 10

Office Equipment and Computer Show.
UBC suppliers exhibit the latest in technology and equipment. Ballroom, 2nd floor, Student Union Building. 9 a.m. - 5 p.m., today and Thursday.

Ethnic Studies Committee.
Joy Kogawa, Vancouver-born poet and author of *Obasan,* will read from and discuss her work. Hebb Theatre. 12:30 p.m.

Forestry Seminar.
Growth Stagnation in Lodgepole Pine, and Other Tree Folklore. Dr. J.G. Worrall, Forestry, UBC. Room 166, MacMillan Building. 12:30 p.m.

Noon-Hour Concert.
Music of Beethoven and Brahms. Guy Fallot, cello; and Rita Possa, piano. Recital Hall, Music Building. 12:30 p.m.

Chemical Engineering Seminar.
The Current Level of Pulp Mill Computer Control. Gerry Pageau, Chemical Engineering, UBC. Precommissioning, Checkout, Commissioning and Start-Up of the Key Lake Uranium Mine. Tim Watson, Chemical Engineering, UBC. Room 206, Chemical Engineering Building. 2:30 p.m.

Geography Colloquium.
The Development of the Special Economic Zones in China. Francis Yee, Geography, UBC. Room 201, Geography Building. 3:30 p.m.

Animal Resource Ecology Seminar.
Who Needs Stonehenge? Detecting Summer Solstice with *Cactoblastis* Eggs. Dr. Neil Murray, Genetics and Human Variation, LaTrobe University, Australia. Room 2449, Biological Sciences Building. 4:30 p.m.

THURSDAY, OCT. 11

Computer Science Colloquium
PICT: Experiments in the Design of Interactive, Graphical Programming Environments. Ephraim P. Glinert, Computer Science, University of Washington, Seattle. Room 301, Computer Science Building. 11:30 a.m.

UBC Wind Symphony.
Moussorgsky's *Pictures at an Exhibition,* and Music of Dukas, Arnold and Dello-Joio. Martin Berinbaum, director. Old Auditorium. 12:30 p.m.

Marketing Workshop.
Political Marketing: Film: *The Candidate.* Room 104, Angus Building. 12:30 p.m.

Statistics Workshop.
A Model Selection Approach to Two-Phase Regression Curve Estimation. Dr. Kazuo Noda, Institute of Statistical Mathematics, Tokyo. Room 101, Ponderosa Annex C. 3:30 p.m.

Mathematics Colloquium.
The Concept of Fractal Dimension. Prof. Claude Tricot. Room 1100, Mathematics Building Annex. 3:45 p.m.

Physics Colloquium.
Status of Neutrino Mass. Felix Boehm, California Institute of Technology, Pasadena. Room 201, Hennings Building. 4 p.m.

SUB Films.
The Right Stuff. Continues until Oct. 14 with one show each night at 8 p.m. Auditorium, Student Union Building. Admission $1.50.

Music Recital.
Program of new music by Howard Bashaw, composer, M.Mus. student. Recital Hall, Music Building. 8 p.m.

Friday, Oct. 12

Continuing Social Work Education.
Working with Women who were Sexually Abused as Children: Basic Skills, a workshop by Louise Doyle and Leigh Forrest. Fee: $33. A/V Lounge, School of Social Work. 9:30 a.m.-4:30 p.m.

Billy Graham Crusade on Campus.
Peace in a Nuclear Age, an address by Billy Graham. War Memorial Gym. 12:30 p.m.

Asian Studies Lecture.
Art and Remembrance: Tu Fu's Song of a Painting. Prof. Stephen Owen, East Asian Languages and Civilizations, Harvard University. Room 604, Asian Centre. 12:30 p.m.

Office for Women Students.
Math Avoidance. Dr. Pauline Weinstein and Margaretha Hoek will lead a discussion. Room 223, Brock Hall. 12:30 p.m.

Medical Genetics Seminar.
The Biochemistry of Treatment of Metabolic Disease. Dr. D.A. Applegarth. Parentcraft Room, Grace Hospital. 1 p.m.

Linguistics Colloquium.
The Development of Phrasal Verbs in English: from Spatial Aktionsart Meanings. Laurel Brinton, English, UBC. Room D224, Buchanan Building. 3:30 p.m.

Imaging Seminar.
The Alberta Heritage Foundation's In Vivo N.M.R. Facility. Dr. Peter Allen, Applied Sciences in Medicine. University of Alberta, Edmonton. Lecture Theatre - Room G-279, Acute Care Unit, Health Sciences Centre Hospital. 4:15 p.m.

Focusing: Overcoming Obstacles to Personal Change.
Three sessions, with Dolores Bate, M.A. 7-9:30 p.m. Continues Saturday and Sunday, 10 a.m.-5 p.m. Rooms 2NA and B, Psychiatric Unit, Health Sciences Centre Hospital. $65. Enrolment limited. Inquiries 222-5261.

Hockey.
UBC vs. the University of Calgary. Thunderbird Winter Sports Centre. 7:30 p.m.

UBC Wind Symphony.
Moussorgsky's *Pictures at an Exhibition,* and Music of Dukas, Arnold and Dello-Joio. Martin Berinbaum, director. Old Auditorium. 8 p.m.

Women's Volleyball. UBC Invitational High School Girls Tourney. 7:30 p.m. and all day Saturday.

SATURDAY, OCT. 13

Writing a Novel.
Dr. Ian Slater. Today and Sunday, 10 a.m.-4 p.m. Rooms G41/42, Woodward Instructional Resources Centre. $85. Inquiries 222-5261.

UBC CALENDAR

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Microcomputers in Social Services.
A Hands On Experience with instructors Winston Leckie, Richard Earl, Darryl Yea and Dan Neff. 10 a.m.-6 p.m. Lecture Hall A, School of Social Work. $100, enrolment limited.

Thunderbird Soccer.
UBC vs. Victoria. Todd Field, Thunderbird Park. 2 p.m.

Hockey.
UBC vs. the University of Calgary. Thunderbird Winter Sports Centre. 7:30 p.m.

SUNDAY, OCT. 14

Lutheran Campus Centre.
Mondragon: Paradigm of Cooperative Living. Videotape and talk on a community in northern Spain by Paul Richter. Follows vespers at 7 p.m. Lounge, Campus Lutheran Centre. 7:30 p.m.

MONDAY, OCT. 15

History of Medicine Lecture.
Psychiatry and Psychiatric Hospitals. Dr. E.L. Margetts. Room 80B, Woodward Instructional Resources Centre. 8:30 a.m.

Electrical Engineering Seminar.
Developments in Engineering Education at SFU. Dean Donald A. George, Engineering Science Faculty, SFU. Room 228, Electrical Engineering Building. 11:30 a.m.

Moffatt Lectureship in Chemistry.
Further Studies on 4'-Substituted Nucleosides. Dr. John G. Moffatt, Syntex Research, Syntex Inc., Palo Alto, Calif. Room 225, Chemistry Building. 11:30 a.m.

Plant Science Seminar.
Light Quality and Distribution in Horticultural Research and Production. Dr. R. Bulley, Agricultural Mechanics, UBC. Room 342, MacMillan Building. 12:30 p.m.

The Pedersen Exchange.
An opportunity for members of the University community to meet with President George Pedersen to discuss matters of concern. Persons wishing to meet with the president should identify themselves to the receptionist in the Librarian's office, immediately to the left of the main entrance to the Main Library. 3:30 to 5 p.m.

First Class Mail

UBC Reports is published every second Wednesday by Information Services. UBC, 6328 Memorial Road, Vancouver, B.C., V6T 1W5. Telephone 228-3131. Al Hunter, editor, Lorie Chortyk, associate editor, Jim Banham, contributing editor.

Applied Mathematics Seminar.
Half Plane Diffraction in Gyrotropic Media. Dr. Stanislaus Przeziecki, Electrical Engineeing, National Research Council, Ottawa. Room 229, Mathematics Building. 3:45 p.m.

Preventive Medicine Seminar.
The Medical Services Act and Health Promotion. Steve Kenny, executive director, MSP, B.C. Ministry of Health. Room 253, Mather Building. 4 p.m.

Biochemical Discussion Group Seminar.
Alteration of the Substrate Specificity of Subtilisin by Site-Directed Mutagenesis. Dr. James A. Well, Genentech, South San Francisco, Calif. Lecture Hall 4, Woodward Instructional Resources Centre. 4 p.m.

TUESDAY, OCT. 16

Hewitt Bostock Memorial Lecture.
The Barrier-Free Movement: The Obstacles to Implementation. Selwyn Goldsmith, architect, consultant, Housing for the Disabled, U.K. Department of the Environment, London. Room 102, Lasserre Building. 12:30 p.m.

Marketing Workshop.
Low Income and Energy Consumption: A Statistical Review with Policy Implications. John Claxton. Penthouse, Angus Building. 12:30 p.m.

Botany Seminar.
Evolution and Regulation of Bacterial Photosynthesis by Genes. Tom Beatty, Microbiology, UBC. Room 3219, Biological Sciences Building. 12:30 p.m.

Moffatt Lectureship in Chemistry.
Chiral Synthesis Using Carbohydrate Recursors. Dr. John G. Moffatt, Institute of Bio-organic Chemistry, Syntex Research, Palo Alto, Calif. Room 250, Chemistry Building. 1 p.m.

Oceanography Seminar.
Assessing Nitrogen Deficiency in Natural Phytoplankton Populations with Biochemical Indicators. Dr. Quay Dortch, Bigelow Laboratory, Westbooth Bay Harbour, Maine. Room 1465, Biological Sciences Building. 3:30 p.m.

Zoology Seminar.
Ontogeny, Phylogeny and Evolutionary Explanations. Dr. William Fink, Museum of Zoology, University of Michigan. Room 2000, Biological Sciences Building. 4:30 p.m.

WEDNESDAY, OCT. 17

History Lecture.
Sailing Uncharted Seas: Writing a History of the Pacific Islands. Kerry Howe. Room A102, Buchanan Building. 12:30 p.m.

Ethnic Studies Committee.
The Problem of Cultural Dislocation and its Effect on Poetry. Andrew Busza, English, UBC. Room A104, Buchanan Building. 12:30 p.m.

Leon and Thea Koerner Lecture.
Spain: The Way to Freedom. Prof. Julián Marías, Spanish Philosophy, Open University, Madrid. Room A204, Buchanan Building. 12:30 p.m.

English Lecture.
Mock-Heroic War (Swift, Pope, Homer, Flaubert). Prof. Claude Rawson, English, Warwick University. Sponsored by the Committee on Lectures. Room A100, Buchanan Building. 12:30 p.m.

Forestry Seminar.
Industrial Forestry Research Management, Approaches and Methods. Dr. Russ Ballard, manager, Technology Integration, Weyerhaeuser Co., Tacoma, Wa. Room 166, MacMillan Building. 12:30 p.m.

Time Management Workshop.
The Office for Women Students offers a one-session workshop. Room 106A, Brock Hall. 12:30 p.m.

Assertiveness in Social Situations.
The Office for Women Students is sponsoring a three-day workshop for women. Pre-registration in Room 203, Brock Hall. Room 106C, Brock Hall. 12:30 p.m.

Chemical Engineering Seminar.
The Development of the Lielmezs-Howell-Campbell (L-H-C) Modification of the Redlich-Kwong Equation of State. Troy Herrick, Chemical Engineering, UBC. Room 206, Chemical Engineering Building. 2:30 p.m.

Geography Colloquium.
A New Approach to Journey-to-Work Modelling. Ray Torchinsky, Geography, UBC. Room 201, Geography Building. 3:30 p.m.

History Seminar.
In the Eye of the Beholder: Maoris and Aborigines in Australia and New Zealand Historiography. Kerry Howe. Room B223, Buchanan Building. 3:30 p.m.

Animal Resource Ecology Seminar.
Patchiness and Ladybug-Aphid Interactions in Foldenrod Fields: Huffaker in the Rough. Dr. Pete Kareiva, Zoology, University of Washington, Seattle. Room 2449, Biological Sciences Building. 4:30 p.m.

Canadian Association for Information Science.
CDNNET, A Message and File Transfer System for the Canadian Research Community.Prof. Paul Gilmore, Computer Science, UBC. Conference Room, B.C. Research, 3650 Wesbrook Mall. 7:30 p.m.

THURSDAY, OCT. 18

Information Meeting.
The International Association for the Exchange of Students for Technical Experience (I.A.E.S.T.E.). Mrs. M.G. Gilmore, Co-operative Education/ Internship Programs. Room 1202, Civil and Mechanical Engineering Building. 12:30 p.m.

Essay Skills Workshop.
Essay Anxiety - Composition Skills. Nancy Horsman of the Women Students' Office will give three one-hour workshops on three Thursdays, Oct. 18, 25 and Nov. 1. Room B212, Buchanan Building. 12:30 p.m.

Oceanography Seminar.
Special Atmospheric Sciences Seminar. "Long-time physical consequences of nuclear explosions." Dr. Richard Turco, R & D Associates, Marina del Rey, Calif. Room 2000, Biological Sciences Building. 3:30 p.m.

English Colloquium.
'Ingsoc in Relation to Chess': Reversible Opposites in *1984*.Dr. Graham Good. Penthouse, Buchanan Building. 3:30 p.m.

Mathamatics Colloquium.
Holomorphic Maps of C into Surfaces of General Type. Dr. Caroline Grant, M.I.T. Room 1100, Mathematics Building Annex. 3:45 p.m.

Physics Colloquium.
Deuteron Magnetic Resource Studies of Liquid Crystals. Peter Beckmann, Physics, Bryn Mawr University. Room 201, Hennings Building. 4 p.m.

SUB Films.
Local Hero. Continues until Oct. 21. Shows at 7 and 9:30 p.m. Friday and Saturday, 7 p.m. on Thursday and Sunday. Admission $1.50. Auditorium, Student Union Building.

FRIDAY, OCT. 19

Graduate Music Colloquium.
Sibelius the Symphonist. Prof. Erik Tawastsjerna, University of Helsinki. Room 113, Music Building. 3:30 p.m.

SATURDAY, OCT. 20

Women's Field Hockey.
CWUAA Tourney. All day Saturday and Sunday.

Releasing the Natural Voice: Learning to Speak Out.
Dale Genge. Saturday and Sunday, 10 a.m.-4 p.m. Room 338, Music Building. $66. Enrolment limited. Inquiries 222-5261.

Notices . . .

Faculty-staff exercise class
Gym E, Robert Osborne Centre. Tuesdays and Thursdays, 12:30 - 1:05 p.m. Instructor: Stanley Brown. For information, call 228-3996.

Faculty and staff badminton
Club meets in Osborne Centre, Gym B, Tuesdays from 8:30 to 11 p.m. and Fridays from 7:30 to 10:30 p.m. Guests and new members are welcome.

Pipes and drums
Pipers and drummers among faculty, students and staff interested in playing on campus are asked to contact Dr. Edward Mornin, Germanic Studies at 228-5140.

Internship program
Information interviews for internships in social planning, public health, writing, television, museum work, etc. 8:30 a.m. - 4:30 p.m. daily. Room 213, Brock Hall.

Stress study
Dr. B. Long of UBC's recreation and leisure studies department is looking for female volunteers to participate in a laboratory study on coping with stress. A free stress and coping workshop will be offered for participants. The study involves two one-and-a-half-hour sessions in the Buchanan Fitness Laboratory. For details, call Dr. Long at 228-5884.

Museum of Anthropology
Exhibits: Hidden Dimensions: Face Masking in East Asia; Cedar! An introduction to its traditional uses by Northwest Coast Indians; Buried History of London; Four Seasons: Seasonal Activities of Prehistoric Indian Peoples in B.C.; O Canada; Show and Tell: The Story of a Big Mac Box.
Behind-the-Scenes Tours: Museum conservator Miriam Clavir conducts tours of the new conservation laboratory. Group size limited to 12 people, children under 10 must be accompanied by an adult. Free with museum admission. Oct. 26, Nov. 17 and Dec. 7 at 2:30 and 3:30 p.m.
Guided Gallery Walks: Begin early in October. Call 228-5087 for more details.
Free Identification Clinics: Bring your collectibles to the museum for assistance with identification and conservation. Oct. 30 and Nov. 27, 7 p.m.
Tuesday Programs: Poetry reading by students in the creative writing department, Nov. 13, 7 p.m.; Snake in the Grass Moving Theatre, Nov. 20, 27 and Dec. 4, 11, at 7:30 p.m.
The museum also features a wide range of workshops and special programs. For details on museum activities, call 228-5087. The museum is open noon to 9 p.m. on Tuesdays, noon to 5 p.m. Wednesday through Sunday and is closed on Mondays.

Agricurl
Experienced and new curlers are invited to Agricurl on Tuesdays at the Thunderbird Winter Sports Centre. Begins Tuesday, Oct. 9 at 5 p.m. For details, call A. Finlayson at 228-3480, P. Willing at 228-3280 or J. Shelford at 228-6578.

Outstanding Young Canadian Awards
Nominees are sought until Nov. 30 for the 1985 Five Outstanding Young Canadian Awards organized annually by the Toronto Jaycees. The awards honor the late Governor-General Georges P. Vanier. Detailed information and nomination forms are available by writing to Toronto Jaycees, Box 60, 3 First Canadian Place, Toronto, Ont. M5X 1C1 or calling Jane Hass (416) 368-1681.

TRIUMF curling
Vacancies for experienced and beginner curlers exist with TRIUMF curling Friday from 7:15 -9:15 p.m., Oct. 12 until the end of March at the Thunderbird Arena. This is a mixed social curling club and is not exclusive to TRIUMF employees. Fees for the season are $95, payable in two instalments. Details from Al Otter, 228-4711, or 263-6994 (evenings).

Fine Arts Gallery
The Clifford E. Lee Collection of 29 Inuit wall hangings is on display in the Fine Arts Gallery in the basement of the Main Library until Oct. 13. The selections from the Ring House Gallery of the University of Alberta include examples of felt applique and embroidery on duffle and hand-woven wool tapestry. The gallery is open Tuesday through Saturday from 10 a.m. to 5 p.m.

Dance Horizons (formerly Danceworks-UBC)
Interested students, faculty and staff are invited to join Dance Horizons, UBC's dance ensemble. Previous experience is not necessary. Rehearsals Sunday, 2-4 p.m. in the SUB Ballroom, Tuesday 6:30 - 8 p.m. and Thursday 5 - 6:30 p.m. in the SUB Partyroom. For more information, come to SUB 216E or call 228-6668.

Nitobe Garden Winter Hours
Please note that the winter hours for Nitobe Memorial Garden will be 10 a.m. to 3 p.m. Monday to Friday only, from Oct. 9, 1984, to April 4, 1985.

Asian exhibit
Scenic Wonders of China, a photographic exhibit by John Louis, opens Oct. 4 and continues until Oct. 11 in the auditorium of the Asian Centre. Hours are noon to 6 p.m. daily, free admission.

Technology on display
The latest in technology and equipment will be displayed at the UBC Office and Computer Equipment Show, Oct. 10 and 11 in the ballroom of the Student Union Building. UBC suppliers will exhibit computer-aided design and graphics, laserjet printers, network services, calculators and learning aids from manufacturers such as Apple, B.C. Tel, IBM, Texas Instruments and Wang. Show hours are 9 a.m. to 5 p.m. each day.