

UBC REPORTS

Volume 28, Number 16

July 21, 1982



UBC's Museum of Anthropology is featuring an exhibit of paintings by Woodlands artist John Laford entitled "Spirits in the Rock" until the end of August. The above painting, "Carrier of the Sweat Lodge", is among those exhibited in theatre gallery of the museum.

UBC planning student gets international award

The American Planning Association has given its top student project award for 1982 to a student in UBC's School of Community and Regional Planning.

Laura Lee Richard received the APA Student Project Award at the association's annual meeting in Dallas, Texas, for a report entitled "Implications of the Transfer of Development Potential in the City of Vancouver."

The report recommends that Vancouver apply the TDP concept — the belief that density allocated to one site should be relocated to another site to achieve planning objectives — to foster achievement of three objectives: Preservation of heritage buildings and compensation for designation; creation of open space in densely built-up areas; and construction of residential units in the commercial core.

Ms. Richard has been a UBC student since 1980 and holds a B.A. degree from the University of Saskatchewan.

A second student in community and regional planning, Sandy James, has been named the 1982 winner of the \$7,500 Peter N. Cotton Scholarship for the study of architectural conservation.

The award is made annually by the B.C. Heritage Trust, a provincial government body.

Ms. James, who enrolled at UBC in 1981 after receiving her B.A. degree in urban geography from Carleton University in Ottawa, has been involved in a number of architectural conservation projects in Edmonton and was formerly a consultant to the Alberta government on heritage projects.

Her UBC thesis project is the development of a plan for Parkside 19, the only block of single-family dwellings remaining in Vancouver's West End.

A second \$7,500 scholarship administered by the B.C. Heritage Trust has also gone to a UBC student.

Shelley Sweeney, a student enrolled in the Master of Archival Studies program in the School of Librarianship, has been named the winner of the Willard E. Ireland Scholarship for 1982.

Conference to focus on future

The future of Canadian society and culture will be the topic of the seventh annual conference of the Canadian Association for Future Studies at the University of B.C. Aug. 14 to 16.

Conference organizers say that significant social and cultural changes are now occurring in Canada, including shifts in economic and political power, diversity of domestic relationships, and more expensive and less accessible energy. The changes are affecting the way we behave and what we believe. Aim of the conference is to assess options Canadians have in dealing with these changes.

Several general areas will be explored: Values and beliefs; production and consumption of goods and services; telecommunications and technology; the arts; politics and governance; science and education; and multiculturalism.

Among the speakers are B.C. Supreme Court Justice Thomas Berger; Nova Corp. president Bob Blair; John Crispo, professor

Rollback of grant, tougher wage rules coming from gov't

UBC's 1982-83 operating grant from the provincial government will be rolled back, wage and salary increases this year will be limited to about 6 per cent, and increases next year may be even lower.

That was the message delivered yesterday (Tuesday) by Universities Minister Pat McGeer and Deputy Minister Bob Stewart to administration, union and faculty representatives from UBC and Simon Fraser University. Dr. McGeer spoke to University of Victoria representatives later in the day.

Here are the main points to emerge from the meeting held in the board room of the Universities Council of B.C.:

- The provincial government will introduce new wage guidelines within a week. The guidelines will be considerably lower than Premier Bennett's February guidelines that ranged from 8 to 14 per cent. The exact figure isn't known yet, but the best bet would appear to be 6 per cent with some provision for flexibility.
- Since the operating grants to the three universities for 1982-83 were up a total of 12 per cent (although the UBC increase was 10.8) the difference between the grant increases and the wage increases may be retained by the government — a rollback that at this point cannot be calculated either as a percentage or in dollars.
- The provincial Treasury Board target for 1983-84 is a total universities budget exactly the same in dollars as the total for 1982-83, which could mean wage and salary increases next year even lower than those proposed for this year.
- Unions that are on a two-year contract as of April 1, 1981, are not likely to undergo a wage rollback for the current year, but the compensation stabilization

program will apply to them for two years as of April 1, 1983.

Dr. McGeer said the total deficit this year for Canada, including all provincial governments and the federal government, is more than \$40 billion — "a record for a country of our population in the free world."

Dr. McGeer said he hoped and expected that whatever money was available would be shared by those working at the universities. There are no jobs for those laid off, he said. "It would be casting them to the wolves."

Although he painted a bleak economic picture, Dr. McGeer said the province must carry on. "We're not going to shut the door of the province and turn the lights out," he said. "But we have to slow down."

New head appointed

Prof. David Robitaille, a UBC faculty member since 1971, has been named head of the Faculty of Education's mathematics and science education department. He is the second permanent head to be appointed since the faculty was departmentalized a year ago.

Prof. Robitaille earned a Bachelor of Arts degree from the University of Montreal in 1960, and did graduate studies at the university the following year. He received an M.A. in mathematics from the University of Detroit in 1965 and in 1969 was awarded a Ph.D. in mathematics education from Ohio State University.

Before coming to UBC, Prof. Robitaille was involved in administrative work and teaching at both the elementary and high school levels in the Montreal school system.

One of his areas of research interest is the large-scale assessment of achievement in mathematics, and he was the prime mover in province-wide assessments in 1977 and 1981 of the mathematical ability of all students in grades 4, 8 and 12.

Prof. Robitaille is currently involved in the Second International Study of Mathematics sponsored by the International Association for the Evaluation of Educational Achievement. He is co-authoring a volume entitled *The International Mathematics Classroom*, which compares the way in which mathematics is taught in different countries.

Prof. Robitaille is the author of numerous professional and research articles and the co-author of nine textbooks used in public school mathematics teaching.

Appointed earlier this year as head of the Department of Educational Psychology and Special Education was Prof. Bryan Clarke.

Board changes day

The UBC Board of Governors has changed its meeting day to Thursday from Tuesday for 1983, with only one exception. The May meeting, normally held out of town, will be on Monday, May 2, 1983.

Other dates, all Thursday at 2 p.m. in the Board and Senate room, are Feb. 3, March 3, April 7, June 2, July 7, Oct. 6, Nov. 3 and Dec. 1. The Board does not meet in January, August or September.

Acadia housing plan endorsed by Board

The Board of Governors has given approval in principal to a proposal for the development of more housing in and around Acadia Park.

A report prepared by Waisman Dewar Grout, Architects and Planners, was presented to the Board at its meeting on July 6. The report has also been approved for circulation to various groups on campus who have a particular interest in housing.

Architect Allan Waisman, who was asked to prepare detailed urban design and architectural guidelines, was selected by the Ad Hoc Housing Committee of the Board following interviews with other local architectural firms experienced in the housing and community development fields. Mr. Waisman has been closely associated with the development of the Whistler townsite and more recently the Tumbler Ridge new town in north-eastern B.C.

The study follows the work, last year, of the President's Ad Hoc Housing Committee, a report prepared by UBC's Department of Facilities Planning, a land appraisal by Cumberland Realty and an economic study by Urbanics Consultants Limited.

The proposed development would be entirely on University land, generally bounded by 16th Avenue, Wesbrook Mall, Toronto Road and Acadia Road. The present land uses fronting Wesbrook Mall would not be changed. The use of this land for housing has been approved by the President's Advisory Land Use Committee.

The Waisman study examines the ways additional housing can be built in this area in a series of phases to satisfy a variety of University housing needs over many years. The layout and phasing should ensure the minimum of disruption to existing residents. Each phase is designed to be visually complete at the end of construction. The scheme recommends the development of single family and cluster housing in the 16th Avenue portion of the property.

This housing, termed "University Market Housing", would be marketed on a long-term pre-paid lease basis to the University community. Funds acquired through this development would be used to assist in the creation of affordable rental housing on the remainder of the site. The rental units would be mainly townhouses and apartments, and anticipated residents include students, graduate students and junior faculty. The architectural concept closely follows the recommendations of the President's Ad Hoc Housing Committee, which particularly sought the development of family housing.

The "University Market Housing" would be constructed in a series of enclaves with lease arrangements possibly similar to those negotiated by the City of Vancouver in Champlain Heights. The reports preceding this study have recommended that the term of the lease be 99 years and provision made for the University to purchase the built improvements at the end of the lease. Similar arrangements exist in the Musqueam Park and Salish Park single family subdivisions on the Musqueam Indian Reserve, on the south-east boundary of the University lands.

Since this portion of the proposal is believed to be sensitive to market demands, the architects have outlined several layouts and densities ranging from five to 12 units per acre for single family housing to 15 to 20 units per acre for multi-family layouts. There is provision for two high-rise apartments, sited with regard for the privacy of low-rise developments and existing housing, should there be a market demand at a later date. The architects believe the single family cluster housing makes efficient use of the land without any loss of privacy. They also expect lower capital and energy costs. It is believed such a layout releases more land for open space within a given overall density limit.

The details of the rental housing have

been covered extensively by Mr. Waisman. The scheme shows infill townhouses between the existing low-rise units in Acadia Park as a second step following the construction of an enclave of "University Market Housing".

No density targets have been assessed for this infill housing since the architects believe that whatever is built should reinforce the urban character of the area. The development of townhouses and apartments, in the area of the huts usually known as Acadia Camp, would follow. Initial densities would be similar to those in False Creek, 30 to 35 units per acre, with an allowance for higher densities should the demand rise. About 76 per cent of the units would be two-bedroom townhouses or low-rise apartments.

The design guidelines have been clearly influenced by the need to "provide a physical framework for the nurturing of a satisfactory community life." An "early reorganization of the circulation system" is anticipated.

Preliminary investigations, at the request of the President's Traffic and Parking Committee, show peak volumes of traffic are easily handled by the proposed road system around the site. A link to 16th Avenue was considered but found to be unnecessary. There will be direct access to existing and new parking areas from the perimeter of the development. The new parking areas would be under a pedestrian street system. The scheme allows for a maximum amount of parking based on a ratio of 1.25 parking spaces per housing unit.

The elimination of traffic through the site and the unique design guideline for partially below grade parking, allows the development of pedestrian pathways and streets linking the housing to the campus, the commercial areas in the village, and the University Endowment Lands.

The street system is the urban device which is used by the architects to provide an integrated development. The streets provide access to front doors and pedestrian activity would be encouraged by the location of communal activity centres at intersections and gateways. The report suggests a new day-care facility be located on Fairview Crescent near to Western Parkway. The guidelines also stress the need for a system of gateways or visual reference points leading into the street system.

The architectural guidelines for the rental units show methods of defining territory and privacy, but emphasize the details related to family use. By the limiting of building height for the family rental units to essentially three floors above grade, it is believed parents will be able to retain visual and verbal contact with small children playing in the proposed informal play areas.

The report also includes guidelines regarding the hierarchy of open space, landscaping and construction materials. The end of the study illustrates, in some detail, various test layouts although the architects stress the fact they are only test layouts. The study has been well received by the University Advisory Design Panel and the Property Committee of the Board of Governors.

In a covering letter to the chairman of the Board of Governor's property committee, the architects note that a large body of technical information will have to be developed before any real forward commitments can be made.

"The key to going or not going relates directly to interest rates," said Mr. Waisman. "And as such, the present approach appears to have all of the necessary background work complete so that one can go into actual physical construction during one of the 'windows' that become available from time to time in our economy."

CAMPUS PEOPLE

Prof. Irving Fox of UBC's School of Community and Regional Planning has received this year's Marguerite and Vernon Heaslip Award for Environmental Stewardship for outstanding contributions by a Canadian to the protection, enhancement or rehabilitation of the environment.

The award, in the education category, is in the form of a United Nations Commemorative Silver Medal to observe the 10th anniversary of the UN's Conference on the Human Environment.

Prof. Fox is former director of UBC's Westwater Research Centre.

Lorne Whitehead, research associate in the Department of Physics, has been awarded the Edwin Guth Memorial Lighting Design Special Citation by the Illuminating Engineering Society of North America. Mr. Whitehead has developed a system for illuminating hazardous areas with light brought into the area through a reflective pipe.

Tom Taurus, an M.Sc. student in the Department of Food Science, won third prize in this year's Institute of Technologists' Graduate Research Paper Competition held recently in Las Vegas, Nevada. His paper was entitled "Biological Control of Olive Green Mould in the Cultivation of *Agaricus bisporus*".

Three members of UBC's Department of Physics were honored in June when the Canadian Association of Physicists held its annual meeting in Ottawa.

Prof. Rudy Haering, the former head of the UBC department, received the association's Medal for Achievement, one of Canada's leading scientific awards.

Prof. J.E. Eldridge received a commemorative scroll as one of the authors of the best condensed matter physics paper published in the Canadian Journal of Physics in 1981.

Associated with Prof. Eldridge in the writing of the paper were Frances E. Bates, a research associate in the physics department, and Dr. M.R. Bryce, a former post-doctoral fellow in the UBC chemistry department.

John Hedgecock, manager of UBC's Bookstore, was one of three delegates who represented Canada at the United Nations' World Congress on Books this month in London.

Other Canadian representatives to the congress were Frances G. Halpenny of the University of Toronto Press and Dr. Guy Sylvestre, Canada's national librarian.

Mr. Hedgecock is no stranger to the international book scene. In 1977 he was a member of a Canadian trade mission to the United Kingdom, and between 1977 and 1979 he represented both Canadian and U.S. book industry associations at the International Booksellers Federation general assemblies in France, Sweden, Switzerland and the U.S.

Mr. Hedgecock has also been appointed to serve as a member of the ad hoc manual of operation revision committee of the National Association of College Stores. The committee will complete copy preparation and monitor the final editing and publishing of *Principles of College Bookstore Management*.

President of the hydrology section of the American Geophysical Union is Prof. R. Allan Freeze of UBC's Department of Geological Sciences. Prof. Freeze is best known for his work on computer simulation in hydrology which has had a variety of practical applications, including a study on the subsidence of Venice. He has also worked on the methodology of computer modelling rainfall runoff and is currently involved in studies to find a safe method of disposing of nuclear waste for both the U.S. and Canadian agencies.

Prof. Clayton Person of UBC's botany department has picked up another award. He's this year's recipient of the Genetics Society of Canada Award of Excellence. Earlier this year he was awarded the Flavelle Medal from the Royal Society of Canada.

Prof. Victor Runeckles, head of UBC's plant science department, earlier this year chaired the annual peer review of the U.S. Environmental Protection Agency's multi-million dollar research program, the National Crop Loss Assessment Network, in Corvallis, Oregon. He and Prof. Warren Kitts, dean of the Faculty of Agricultural Sciences, and Ms. Maureen Garland, director of the faculty's Interior Program, were consultants to the University of Sokoto in Nigeria on the university's programs and a future link between the university and UBC.

Faculty asked to suggest student jobs

The Office of Awards and Financial Aid is seeking suggestions for projects that will provide part-time student jobs under the Work Study Program during the winter session.

With the allocation on July 7 of an additional \$250,000 to the program, the awards office hopes that many more students will be employed under the program in 1982-83. Only 150 were employed last year.

Government funding for the program totals \$162,000, enabling the University to place students in on-campus jobs to a maximum of 10 hours a week, at a maximum wage of \$6.75 an hour.

In the past, participating University departments have had to make up the difference between \$6.75 and the prevailing UBC wage rates from their own budgets. The \$250,000 allocated by the University is available to remove this financial burden from departments, and should also increase the number and variety of job projects. It will also be possible to pay higher wages to students performing more technical and complex work.

Sheila Summers, an administrator of the program, said a mailing to all full-time faculty will go out without delay, providing details of the expanded program and calling for suggestions for projects. During the summer, the main thrust will be to set up eligible projects across the campus. In most cases, Work Study projects cover fields where work would not otherwise be done. Deadline for approval of projects is Aug. 2.

Ms. Summers stressed that eligibility criteria for Work Study dovetail with the need assessment system used for regular student assistance, although the 'means test' is rather less stringent than for loans or grants. Typical grounds for placement, she said, could be such factors as lack of summer savings expected under B.C. Student Assistance criteria, lack of expected parental contribution, or assessed need above the maximum government loan and grant.

Cancer claims Charles Culling

Charles Culling, a professor of pathology at UBC and one of Canada's leading cancer researchers, died last Tuesday (July 13) at the age of 64.

Prof. Culling, who had suffered from lung cancer for more than two years, joined the UBC faculty in 1957 after training in England as a technician and methodologist at the Westminster Medical School and Sir John Cass College.

Although he never obtained a medical degree or an academic doctorate, Charles Culling became a much respected medical researcher and was one of the few with only technical training ever to become a full professor at UBC.

"In many ways, I think it was his technical genius that was his strength," said Dr. David Hardwick, head of the UBC Department of Pathology. "Charles Culling brought a practical approach to medical research, and he achieved a number of significant results."

After early work on the cancer-causing agent in cigarettes, and on the testing of drugs that inhibit the body's rejection of foreign tissue, Prof. Culling's research in recent years had involved cancer of the large intestine.

In 1975, Prof. Culling developed a test to determine whether cancer found in some

part of the body had originated in the large intestine, as is not uncommonly the case.



Charles Culling

More recently, he had been working on a tissue staining process through which cancer of the large intestine could be detected early.

Dr. William "Lawrie" Dunn, former head of the UBC pathology department, made the following comments about Prof. Culling at a memorial service held last week on campus:

"Charles Culling passed from among us suddenly, and in a way which reflected the fullness and energy of his existence in this transitory life, a suddenness that followed immediately upon a morning devoted to his work. He was a man of many facets to all those who knew him.

"Charles was invited to our campus in 1957 by the newly-appointed professor of pathology, Dr. Harold E. Taylor, and a firm bond and collaborative energy was formulated, which inaugurated a combined teaching and research partnership that endured for many years to come.

"His skills and his breadth of knowledge were imparted with an equal facility as teacher, counsellor, and as author, not only of countless research papers, in a diversity of fields, but of a magnificent text on histopathological and histochemical techniques of which he was an internationally recognized master. During Prof. Culling's tenure here at UBC from 1957 to 1982, he left the stamp of his intellect, ideals and personality on his students and associates.

"During these same years, Prof. Culling achieved recognition and held important offices in a number of scientific and lay organizations, many of whom will undoubtedly join with us in mourning his passing. Not the least of these must surely be the Young Men's Christian Association, to which Charles was deeply devoted and for which he gave many, many hours and much energy.

"Charles Culling was every inch a scholar, a humanist, a man of at times lyric wit, but such intensity of purpose, devoted to his ideals, a man whose memory shall live long and unclouded among those given the privilege of calling him colleague and friend."

Prof. Culling was immediate past-president of the UBC Faculty Association.

He is survived by his wife, Lois, and two sons by a previous marriage.

Olive Simpson to direct nursing outreach program

Olive Simpson has been named project director for the UBC School of Nursing's proposed Outreach Program for registered nurses. She began her new appointment on

June 1.

The nursing outreach program will help active registered nurses who live in various regions of the province to take portions of the baccalaureate program in nursing (Bachelor of Science in Nursing) in their own communities.

At present, the only baccalaureate programs in nursing in B.C. require residence in Vancouver (for the UBC program) or in Victoria (for the University of Victoria program). These programs were designed primarily for nurses who can live in either area and devote themselves full-time to their studies.

The School of Nursing, working in collaboration with the University of Victoria, would like to arrange it so that the universities would reach out to the rest of the province and offer at least some of the courses offered at UBC and UVic through special outreach arrangements.

Mrs. Simpson brings an impressive background to her new position. She holds a bachelor's degree in nursing and a master's degree in education from the University of Ottawa, and has had a wide variety of nursing experience in the areas of intensive care, surgical, neurological, medical and metabolic nursing. She was also involved in the organization and operation of a 138-bed psychiatric hospital for the federal Solicitor General's department.

WCB sets up award fund

The Worker's Compensation Board of B.C. has established a \$50,000 scholarship fund in UBC's School of Audiology and Speech Sciences.

Interest from the fund will provide scholarships for exceptional students applying to the school's two-year graduate program. At present there are 32 students registered in the school.

Students graduate with a Master of Science degree which allows them to work as either audiologists or speech language pathologists. One of the first graduates of the school was instrumental in starting the hearing branch of the WCB, which now employs a number of audiologists.

Dr. John H.V. Gilbert, acting director of the school, says there is a large demand for graduates but unfortunately the school must turn away three applicants out of four because of space limitations.

Five students collect cash for writing

Creative writing was a particularly rewarding experience for five UBC students this year. They are the winners in the ninth annual *UBC Alumni Chronicle* Creative Writing Competition for UBC students.

June Harrison, a third-year Arts student, was awarded a \$300 prize for her story "The China Spider." "Suspended in the Night," by Gordon Cavenaile, Arts 3, and "Seed Season Blues" by Tyler Felbel, Arts 2, shared the \$200 second prize. In third place were "An Afternoon" by Melanie Higgs, Arts 3, and "Eski Hisar" by Maggie Weaver, Rehabilitation Medicine 3. They each received cheques for \$50.

The 29 entries in the competition were assessed by a panel of judges: Dr. Jane Fredeman, senior editor of the UBC Press; Dr. Herbert Rosengarten, UBC Department of English; Eric Nicol, author and playwright; and Nicholas Omelusik, a UBC librarian and a member of the *Chronicle* editorial committee.

The *Chronicle* is the quarterly publication of the UBC Alumni Association. Funding for the competition was provided through a grant from the UBC Alumni Fund.

Scholarship now memorial to two

The Mary V. Wellwood Memorial Scholarship has been expanded to become a memorial to Bob Wellwood as well as to Mary.

Dr. R.W. (Bob) Wellwood was killed June 8 in a traffic accident. He retired in 1977 after 30 years with the Faculty of Forestry at UBC. Mary, his second wife, predeceased him.

Contributions to the scholarship fund are being received by the Office of Awards and Financial Aid, General Services Administration Building.

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).

Aug. 1

- Distilled Spirits Council of U.S. — Grants-in-Aid for Research.
- Health and Welfare Research — Family Planning: Awards/Demonstrations.
- March of Dimes Birth Defects Foundation — Clinical Research: Human Birth Defects.
- March of Dimes Birth Defects Foundation — Social and Behavioral Sciences Research Program.
- MRC: Special Programs — INSRM/MRC Exchange.
- World Wildlife Fund (Canada) — General Research.

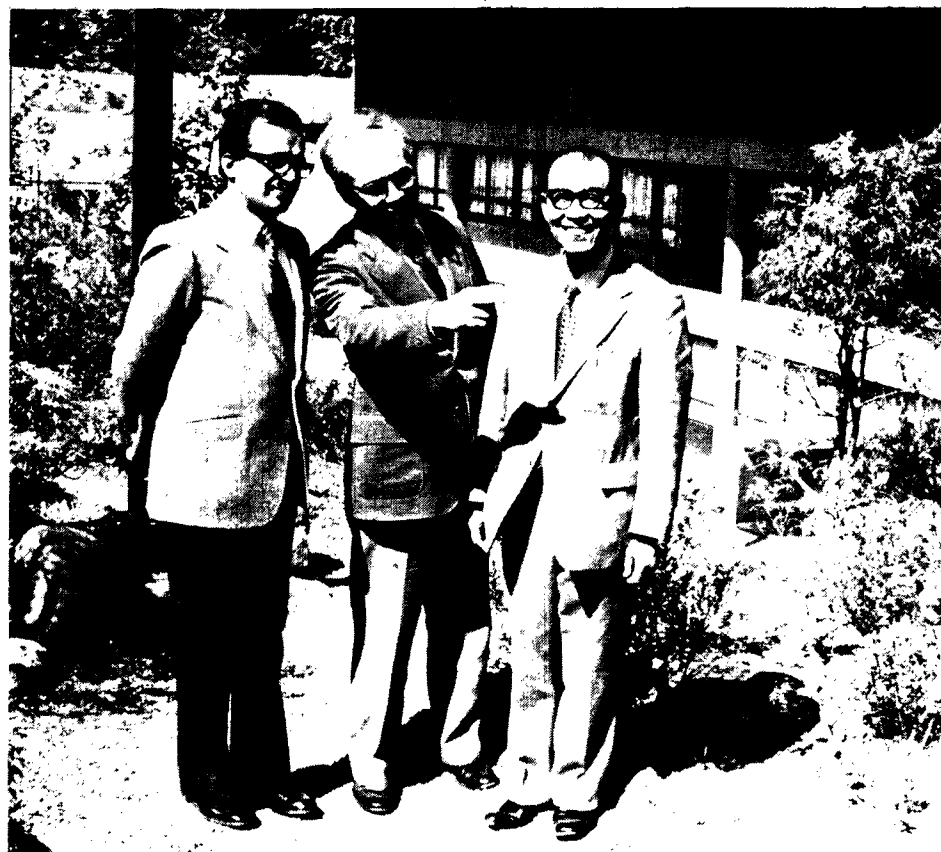
Aug 15

- North Atlantic Treaty Organization — International Collaborative Research.
- Secretary of State — Canadian Ethnic Studies Program: Professorships.
- Secretary of State — Canadian Ethnic Studies: Research.
- Sugar Association, Inc. — Research Grant.

Aug. 31

- Assoc. of Commonwealth Universities — Staffing Assistance to Developing Universities.
- Austral. Inst. Nuclear Science and Engineering — AINSE Research Fellowship.
- North Atlantic Treaty Organization — Human Factors Program.
- North Atlantic Treaty Organization — Joint Programs: Human Factors and Systems Science.
- North Atlantic Treaty Organization — Systems Science Program.
- Spencer, Chris Foundation — Foundation Grants.

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.



Japanese businessman Yoshihisa Okamatsu, right, who established a UBC scholarship for Japanese studies with gifts totalling \$45,000 in 1977 and 1978, paid his first visit to the UBC campus recently to add another \$5,000 to his earlier endowment, terming it "a crystallization of friendship." He was shown over UBC's new Asian Centre and its surrounding gardens by Dr. Matsuo Soga, centre, of the Asian studies department and department head Prof. Ashok Aklujkar.

UBC CALENDAR

Special Calendar Deadlines

There will be only one issue of *UBC Reports* in August (Aug. 4), so the Calendar section will cover events in the period of Aug. 5 through Sept. 11. Material for the Aug. 4 edition must be submitted not later than 4 p.m. on July 29. For the Sept. 8 issue of *UBC Reports*, the Calendar will cover events in the weeks of Sept. 12 and 19. Deadline for submission is Sept. 2. Send notices to Information Services, 6328 Memorial Rd. (Old Administration Building). For further information, call 228-3131.

THURSDAY, JULY 22

Summer Film Series.

Bedknobs and Broomsticks. Film will also be shown at 3 p.m. on Saturday, July 24. Tickets are \$2 at the door. Auditorium, Student Union Building. 7 p.m.

Urban Agricultural Series.

Third in a series on urban agriculture. Tonight's topic is "Urban Air Pollution", with Prof. V.C. Runeckles, Plant Science, UBC. Vancouver Energy Information Centre, 2150 Maple St., Kitsilano. 7 p.m.

Vancouver School of Theology Lecture.

Doing Your Own Theology. Dr. Patricia O'Connell Killen, University of the South, Sewanee, Tennessee. Chapel of the Epiphany, Vancouver School of Theology. 7:30 p.m.

Music for Summer Evenings.

Sixth in a series of 10 free concerts which continue twice weekly until Aug. 5. Tonight's performers are Robert Jordan, guitar; Jocelyn Pritchard, piano, and John Loban, violin. Recital Hall, Music Building. 8 p.m.

FRIDAY, JULY 23

Cancer Research Seminar.

Structure of the Progesterone Receptor: A Gene Regulatory Protein. Dr. William T. Schrader, Cell Biology, Baylor College of Medicine, Houston, Texas. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12 noon.

Summer Film Series.

2001. Film will also be shown on Saturday, July 24 at 7:30 p.m. Tickets are \$2; \$1 for AMS members and seniors. Auditorium, Student Union Building. 7:30 p.m.

Summer Screen.

Stripes. Admission is free. Hebb Theatre. 7:30 p.m.

SUNDAY, JULY 25

South Indian Music and Dance.

Sponsored by the Department of Asian Studies and the Deccan Cultural Society. Charumati Ramachandran, singer, Lakshmi Viswanathan, dancer, Lalita Raghavan, violin, and Ramnad Raghavan, mridangam. Auditorium, Asian Centre. 7 p.m.

Vancouver School of Theology Lecture.

Preaching Through Life's Journey. Dr. John Killinger, senior minister, First Presbyterian Church, Lynchburg, Virginia. St. Andrew's Wesley United Church. 7:30 p.m.

MONDAY, JULY 26

Summer Screen.

Tonight's films are *Small is Beautiful*, *Acid Rain: Requiem or Recovery* and *Gulfstream*. Admission is free. Hebb Theatre. 7:30 p.m.

TUESDAY, JULY 27

Education Seminar.

Science Education and Values Education: An Essential Tension? Prof. David Layton, director, Centre for Studies in Science Education, Leeds University, England. Room 1008, Scarfe Building. 2 p.m.

Music for Summer Evenings.

Seventh in a series of 10 free concerts which continue twice weekly until Aug. 5. The music of Mozart, Zodyal and Beethoven will be performed by John Loban, violin, Gerald Stanich, viola, and Eric Wilson, cello. Recital Hall, Music Building. 8 p.m.

WEDNESDAY, JULY 28

Summer Screen.

Tonight's films are *Ted Baryluk's Grocery*, *Fixed in Time* and *For the Love of Dance*. Admission is free. Hebb Theatre. 7:30 p.m.

THURSDAY, JULY 29

Summer Film Series.

The Love Bug. Film will also be shown at 3 p.m. on Saturday, July 31. Tickets are \$2 at the door. Auditorium, Student Union Building. 7 p.m.

Urban Agricultural Series.

Fourth in a series on urban agriculture. Tonight's topic is "Herbs". Vancouver Energy Information Centre, 2150 Maple St., Kitsilano. 7 p.m.

Music for Summer Evenings.

Eighth in a series of 10 free concerts which continue twice weekly until Aug. 5. Tonight's performers are Audrey Leonard Borschel, soprano, Michael Borschel, clarinet, and Arlie Thompson, piano. Recital Hall, Music Building. 8 p.m.

Regent College Lecture.

Christian Counselling: A Bandaid Approach to a Wounded Church. John White, psychiatrist, University of Manitoba. Broadway Pentecostal Tabernacle, 2677 E. Broadway Ave. 8 p.m.

FRIDAY, JULY 30

Faculty Club Barbecue.

Cook-your-own-steak barbecue will be held on the patio of the Faculty Club. For information, call 228-2708. Faculty Club. 6 p.m.

Summer Film Series.

Take the Money and Run. Film will also be shown on Saturday, July 31 at 7:30 p.m. Tickets are \$2; \$1 for AMS members and seniors. Auditorium, Student Union Building. 7:30 p.m.

Summer Screen.

Alien. Admission is free. Hebb Theatre. 7:30 p.m.

MONDAY, AUG. 2

B.C. Day. University Closed.

TUESDAY, AUG. 3

Puppet Performance.

Lois and Herb Walker and the Puppets present the puppet shows *Kivik's Magic Journey* and *How Summer Came to Canada*. Tickets are available through the UBC Centre for Continuing Education at 228-2181. Shows will be repeated on Thursday, Aug. 5. Old Auditorium. 7:30 p.m.

WEDNESDAY, AUG. 4

Classics Lecture.

Virgil - The First 2,000 Years. Prof. R.D. Williams, Classics, Reading University, Reading, England. Room 100, Buchanan Building. 12:30 p.m.

Science Education Seminar.

Science Assessment: The British and British Columbian Experience. Prof. David Layton, director, Centre for Studies in Science Education, Leeds University, England. Room 1008, Scarfe Building. 2 p.m.

Summer Screen.

Tonight's films are *For the Next 60 Seconds*, *The Bad Game*, *Top Priority*, *If You Love This Planet* and *No Act of God*. Admission is free. Hebb Theatre. 7:30 p.m.

Notices . . .

Student Health Service

The summer hours for the Student Health Service, will be 8 a.m. to 4 p.m. Regular hours will begin again in September. The Student Health Service is located in the acute care unit of the Health Sciences Centre Hospital.

Chinese Art Exhibition

Three Young Painters from China: An Exhibition of Chinese Paintings will be on display July 15 through 25 in the auditorium of the Asian Centre. The exhibit features the works of three painters, Yu Lung, Kan Szeto and Yitong Lok, who recently immigrated to Canada from China. The exhibit, which is sponsored by the Institute of Asian Research, will be open daily from 11 a.m. to 6 p.m. Admission is free.

Asian Exhibitions

The Institute for Asian Research and the Canada-China Friendship Association of Vancouver are sponsoring an exhibit of 60 brush and oil paintings and woodcuts by 36 artists from China. An exhibit of more than 100 new Chinese stamps will also be on display. These free exhibits will be open from noon to 9 p.m. in the Asian Centre, Aug. 9 to 13.

Lost and Found

The Lost and Found, located in Room 164 of the Brock Hall Annex, is open from 2:30 to 4:30 p.m. Tuesdays and Thursdays.

Housing Accommodation

Accommodation is needed for overseas students, beginning in August. Areas close to UBC are preferred. To list temporary or permanent vacancies, please call International House, at 228-5021.

Language Courses

Conversational intensive French, Japanese and Spanish three-week courses begin July 12 and Aug. 3. For more information, call 228-2181, local 227.

Botanical Garden Hours

The Japanese Nitobe Garden is open seven days a week, from 10 a.m. to half-an-hour before sunset. The Alpine, Asian and B.C. Native gardens, adjacent to the Thunderbird Stadium, are also open during daylight hours.

Public Events Line

The after-hours public events information line sponsored by the Department of Information Services has a new phone number. The number has been changed from 228-3133 to 228-3131. If you've got an event of public interest that you'd like included on the tape, please call Lorie Chortyk, 228-2064, before noon on the day of the event.

International House

International House is holding summer get-togethers every Thursday at 7:30 p.m. For more information, call 228-5021.

College honors John Haar

Grant MacEwan Community College in Edmonton has established a memorial scholarship fund in the name of John L. Haar, a 1950 UBC graduate who was an administrative officer at UBC from 1959 to 1965.

Mr. Haar, who was president of the Alberta college for 10 years, died suddenly on May 10, a few months before taking early retirement. He was 63.

A native of Woodfibre on Howe Sound, Mr. Haar graduated from UBC with honors in German and history. He served as president of the Alma Mater Society for about six months in 1950 and then resigned to accept a teaching fellowship at Rice Institute in Texas.

He returned to UBC in 1959 as director of province-wide services in the former extension department (now the Centre for Continuing Education). Subsequently, he

Child Care on Campus

Short Stay Day Care. UBC is offering a short-term care program for children 2½ to 5 years of age, from July 2 to Aug. 21. The centre will operate out of Hut 93, 2727 Acadia Rd., from 7:45 a.m. to 5 p.m., Monday through Friday. Advance registration may be made by calling the Day Care Co-ordinator at 228-5343. "Drop-ins" will be taken on a first-come, first-served basis if space permits.

University Hill After-School Summer Program. From June 29 through Sept. 7, for children from 6 to 12 years of age. The program will include arts, music, theatre, sports and summer outings. Full and part-time spaces are available but limited. For more information and application forms, call the Day Care Co-ordinator at 228-5343, or the After-School Program at 228-9614.

Volunteer Opportunities

Volunteers are needed for the UBC Health Sciences Centre Hospital. The hospital is composed of three units - the psychiatric unit, extended care unit and the new acute care unit. For information regarding opportunities available, call Sherry Kendall, 228-7384.

The Garibaldi Connection

Letters, manuscripts, books and artifacts related to Italian liberator and hero Giuseppe Garibaldi are on display until the end of July in the Special Collections Division, top floor, south wing, of the Main Library.

Campus Tours

Tours of the campus are available through the Department of Information Services. Tours begin at 10 a.m. and 1 p.m. Monday through Friday. For more information, call 228-3131.

Functional Fitness Appraisal

The John M. Buchanan Fitness and Research Centre is administering a physical assessment program available to students, faculty, staff and the public. Cost is \$20 for students, \$25 for others. For more information, call 228-4356 between 8 and 10 a.m., until July 19, and 228-3996 after July 19 during regular business hours. The centre will be administering fitness appraisals during the following times: 5, 6 and 7 p.m. on Mondays and Wednesdays and 12 and 1 p.m. on Thursdays.

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

