

UBC REPORTS

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May 25, 1983

President among 6 'honorarys' as 3,500 receive UBC degrees

The University of British Columbia's annual Spring Congregation takes place today, tomorrow and Friday, with more than 3,500 students having academic degrees conferred upon them by Chancellor J.V. Clyne.

Largest single graduating group are those receiving the degree of Bachelor of Arts, which will go today to 567 students. There are 434 graduating with Bachelor of Science degrees, 329 with Bachelor of Education degrees, 352 with Bachelor of Commerce degrees and 306 with Bachelor of Applied Science (Engineering) degrees.

The annual degree-granting ceremony in

the War Memorial Gymnasium follows traditional lines. The graduating students, whose degrees were approved officially by the University Senate on May 18, are presented individually to Chancellor Clyne by the deans (or delegates) of the faculties awarding the degrees.

The student then crosses the platform and kneels before the chancellor, who taps the graduand lightly on the head with his mortar board while saying, "I admit you."

At this point the student has officially graduated and been admitted to the Convocation of the University, which is made up of all graduates, the faculty and

Senate of the University, and the chancellor.

Standing on the chancellor's left during the ceremony each day will be UBC's president and vice-chancellor for the past eight years, Dr. Douglas T. Kenny, who will present medals and other awards to outstanding graduates after their degrees have been conferred.

Dr. Kenny, who is returning to teaching and research in psychology on July 1, will himself receive a degree on Friday — an honorary Doctor of Laws degree. He is one of six who will receive honorary degrees over the next three days.

At today's ceremony, students will receive doctor's degrees in musical arts, master's degrees in arts, fine arts, music, social work, business administration and library science. Bachelor's degrees will be conferred in arts, fine arts, home economics, music, social work and commerce. Also to be presented today are licentiates in accounting.

In addition, honorary degrees will be conferred upon author-educator Robertson Davies (Doctor of Letters) and classicist Malcolm McGregor, a UBC personality for many years (Doctor of Laws).

On Thursday, students will receive Doctor of Education degrees, master's degrees in science, education and physical education, and bachelor's degrees in science, education, physical education and recreation.

Three honorary degrees will be conferred tomorrow — Doctor of Laws to longtime community worker Annie Margaret Angus and Indian leader George Manuel, and a Doctor of Science degree to physicist John Bernard Warren.

On Friday, May 27, final day of Congregation, Doctor of Philosophy degrees will be conferred. Students will also receive master's degrees in applied science, engineering, architecture, nursing, forestry, pharmacy and landscape architecture. Doctor of Medicine, Bachelor of Science in Rehabilitation Medicine, Doctor of Dental Medicine, Bachelor of Medical Laboratory Science, and Bachelor of Laws degrees will also be conferred on Friday.

HEADS OF GRADUATING CLASSES (from Vancouver unless otherwise noted)

Association of Professional Engineers Proficiency Award, \$500 (most outstanding record in the graduating class of Applied Science, B.A.Sc. degree): Gane Ka-Shu Wong. Helen L. Balfour Prize, \$650 (Head of the Graduating Class in Nursing, B.S.N. degree): Linda Joyce Wilson.

British Columbia Recreation Association, Professional Development Branch Prize (Head of the Graduating Class in Recreation, B.R.E. degree): Richard William Crone.

Dr. Maxwell A. Cameron Memorial Medal and Prize (Head of the Graduating Class in Education, Elementary Teaching field, B.Ed. degree): Heather Anne Clark.

Dr. Maxwell A. Cameron Memorial Medal and Prize (Head of the Graduating Class in Education, Secondary Teaching field, B.Ed. degree): Sebastian Coelho Ribeiro (Kitimat).

Ruth Cameron Medal for Librarianship (Head of the Graduating Class in Librarianship, M.L.S. degree): Cynthia Aileen John.

College of Dental Surgeons of British Columbia Gold Medal (Head of the Graduating Class in Dentistry, D.M.D. degree): Patricia Ann Hunter (Dawson Creek).

College of Dental Surgeons of British Columbia Gold Medal in Dental Hygiene (leading student in the Dental Hygiene Program): Karen Gwen Henderson.

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See CONGREGATION

Honorary Degrees



Douglas Kenny



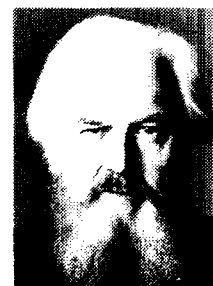
Malcolm McGregor



George Manuel



Annie M. Angus



Robertson Davies



John Warren

Bob Smith moves up as VP Academic

Prof. Robert H.T. Smith, 48, has been appointed vice-president, academic, of UBC.

He succeeds Dr. Michael Shaw, who returns to teaching and research in agriculture and science on July 1 after eight years as a UBC vice-president, following eight years as Dean of Agricultural Sciences. Dr. Smith recently was made a "University Professor" by the UBC Board of Governors, an honor rarely bestowed.

The appointment of Dr. Smith, who has been associate vice-president since 1979, was announced on May 11 by George Pedersen, who becomes president of UBC on July 1.

"As faculty member, department head and associate vice-president academic, Dr. Smith has earned the respect of his colleagues for both his administrative abilities and tireless efforts on behalf of the University," Dr. Pedersen said. "His promotion to academic vice-president reflects the esteem in which he is held throughout the UBC community. I am delighted at the prospect of working with him in the years ahead."

Dr. Smith taught at universities in Ontario, Wisconsin, Nigeria and his native Australia before joining UBC in 1975 as head of the geography department.

He did his undergraduate work in Australia, obtained his master's degree from Northwestern University in Illinois, and then returned to the Australian National University for his doctorate.



The UBC Paragon, a creation of a sextet of UBC mechanical engineering students, is in eastern Canada this week to take part in the annual Shell Fuelathon, in which this year pits 22 Canadian university entries against two Shell creations in a contest to see who can achieve the best gas mileage. The UBC entry, which can travel almost 500 kilometres on a litre of gas, is powered by a four-stroke airplane motor. Four members of the UBC team that spent some 6,500 hours designing and building the vehicle are shown with it just before departing for Oakville, Ont., where the competition takes place. Standing, left to right, are Ian Chang, Niels Anthonson and David Cheng. The car's driver is Gerald Schwab. Not shown are Harry Dykstra and Doug Gutzmann. All graduate this week from the Faculty of Applied Science.

Congregation (Continued from page 1)

Dr. Brock Fahrni Prize (Head of the Graduating Class in Rehabilitation Medicine, B.S.R. degree): Kathryn Heather Thom.
 Governor-General's Gold Medal (Head of the Graduating Classes in the Faculties of Arts and Science, B.A. and B.Sc. degrees): Edmond Dean Chow (Faculty of Science).
 Hamber Medal (Head of the Graduating Class in Medicine, M.D. degree, best cumulative record in all years of course): Nicholas John Carr (Victoria).
 Horner Prize and Medal for Pharmaceutical Sciences, \$200 (Head of the Graduating Class in Pharmaceutical Sciences, B.Sc. Pharm. degree): Stephanie Soon (Richmond).
 Kiwanis Club Medal (Head of the Graduating Class in Commerce and Business Administration, B.Com. degree): Carolyn Jane Clark (Surrey).
 Law Society Gold Medal and Prize (call and admission fee) (Head of the Graduating Class in Law, LL.B. degree): Angela Elizabeth Thiele.
 H.R. MacMillan Prize in Forestry, \$300 (Head of the Graduating Class in Forestry, B.S.F. degree): Barbara Jane Hawkins (West Vancouver).
 Physical Education and Recreation Faculty Prize in Physical Education, \$100 (Head of the Graduating Class in Physical Education, B.P.E. degree): Charles Herbert Curtis (West

Vancouver).
 Royal Architectural Institute of Canada Medal (graduating student with the highest standing in the School of Architecture): Russell Boyd Meiklejohn (Penticton).
 Wilfrid Sadler Memorial Gold Medal (Head of the Graduating Class in Agricultural Sciences, B.Sc. (Agr.) degree): Beena Maria Makhijani.
 Special University Prize, \$200 (Head of the Graduating Class in Special Education, B.Ed. degree): Linda Joan Emigh (Burnaby).
 Special University Prize, \$200 (Head of the Graduating Class in Fine Arts, B.F.A. degree): Theodore John Bergen (Chilliwack).
 Special University Prize, \$200 (Head of the Graduating Class in Home Economics, B.H.E. degree): Wendy Bartholomew (West Vancouver).
 Special University Prize, \$200 (Head of the Graduating Class in Licentiate in Accounting): Earl Brock Dykeman (Salmon Arm).
 Special University Prize, \$200 (Head of the Graduating Class in Music, B.Mus. degree): Islay-May Audrey Gordon (Coquitlam).
 University Medal for Arts and Science (proficiency in the graduating classes in the Faculties of Arts and Science, B.A. and B.Sc. degrees): Iain David Arthy (Delta) (Faculty of Arts).

Basic education conference set

The second National Adult Basic Education Institute will take place at UBC from July 4 to July 22.

Adult basic education practitioners from across Canada will have the opportunity to engage in the intensive study of adult basic education theory and practice.

This year, six courses will be offered: Organization of Adult Basic Education Programs, Teaching Reading to Adults, Teaching Adults with Learning Disabilities, Basic Science for Adults, Basic English for Adults, and Introduction to Adult Basic Education.

At the inaugural institute in 1982, 50 adult education instructors, supervisors and administrators participated from every province and territory in Canada. Besides the ABE subject-specific courses during the morning, participants attended a variety of afternoon and evening sessions with visiting speakers and presenters from different parts of Canada and elsewhere in North America.

The 1982 Institute was co-sponsored by the B.C. Ministry of Education, the Canadian Association for Adult Education, Teachers of English as a Second Language Canada, Movement for Canadian Literacy, Adult Basic Education Association of British Columbia, and Teachers of English as an Additional Language.

Institute Director Peter Cookson of the UBC Adult Education Division reports that similar co-sponsorship will include the associations taking responsibility for co-planning of the special events and afternoon sessions.

Information and application forms for the 1983 Institute can be obtained by writing to Dr. Peter S. Cookson, Field Development Office, 2125 Main Mall, UBC, Vancouver, V6T 1L2 (228-2013).

25-Year-Club adds members

UBC's 25-Year-Club for longtime members of the employed staff has 10 new members.

They were inducted into the club last week at a Faculty Club dinner hosted by UBC president Douglas Kenny.

The new members are: Bernie Blighton, dispatcher in the Department of Physical Plant; Noel Cartwright, assistant head service worker in physical plant; Audrey Fiene, Faculty of Law; Pat Grossman, senior secretary in the Department of Anthropology and Sociology; Franz Glasbergen, physical plant electrician; Alan Hanley, technician in the zoology department; Sheila Layland, administrative clerk in the Registrar's Office; John Matecha, physical plant painter; A.F. "Dick" Shirran, head of the University's Student Counselling and Resources Centre and a part-time lecturer in the psychology department; and Edgar Wood, a technician in the Department of Physics.

Coping conference will help women

Women who return to school after years of interruption in their formal education — for marriage, family, employment — may find campus life overwhelming. But help is on the way at UBC.

The Women Students' Office will again offer a program, "Coping With Campus", to assist women who are coming to the University after five years or more from classrooms and study.

This program is planned around two, free and separate sessions which will include a campus orientation, a review of support services and workshops on goal-setting and time management.

The "Coping With Campus" sessions will be offered in June in the Women Students' Lounge, Room 223, Brock Hall. Dates are June 16 from 5 p.m. to 10 p.m., and June 21 from 9 a.m. to 3 p.m.

Pre-registration is necessary at the Women Students' Office, Brock Hall, Room 203, or phone 228-2415.

Dennis Pavlich heads faculty

Dennis J. Pavlich of the Faculty of Law is the new president of the UBC Faculty Association.

Other members of the executive of the association for 1983-84 are: Dr. Elmer Ogryzlo, chemistry, vice-president; Dr. Richard M. Beames, animal science, treasurer; Dr. Melvin B. Comisarow, chemistry, secretary; Dr. David Haley, forestry, delegate to CAUT.

Members at large on the executive are: Dr. David Balzarini, physics; Suzanne Dodson, library; Dr. Sharon Kahn, counselling psychology; Dr. Sidney Mindess, civil engineering; Dr. Barrie M. Morrison, Asian studies; and Dr. Kenneth L. Pinder, chemical engineering.

Serving in an ex officio capacity on the executive are Dr. Jonathan Wisenthal, English, and Dr. Margaret Csapo, education. Dr. Csapo chairs the association's personnel service committee.

GRANT DEADLINES

Deadline Change

- Social Sciences & Humanities Research Council: Research grant deadline changed to June 1, 1983.
 - Canadian Commission for Unesco: McLuhan Teleglobe Canada Award — Revised deadline — June 30, 1983.
- For further information, and forms, contact Research Administration directly, local 3652.

A DAY IN A LIFE AT UBC

Early start, late finish

Anne Ironside, who worked as a bacteriologist and school teacher in three countries before returning to UBC as a program director in the Centre for Continuing Education, is No. 4 in the series "A Day in a Life at UBC."

Ms. Ironside is involved in so many aspects of adult education, however, that any given day in her life will bear little resemblance to yesterday or tomorrow.

She is, for example, the first woman president of the Canadian Association for Adult Education, an organization started in 1935 to promote adult learning and citizenship.

A voluntary organization with 800 members from coast to coast, the CAAE works to develop public policy in adult education and to encourage learners to examine issues affecting them.

Ms. Ironside, who followed up her B.A. (majors: bacteriology, biology) with a Master of Social Work degree from UBC in 1972, also founded the Women's Resources Centre, pioneered the concept of educational brokering (matching people's needs with educational resources available), initiated the first Canadian national conference for policy makers and practitioners in health promotion, and toured prisons and developed a position on prison education for the CAAE — to mention just a few of her accomplishments.

She has travelled extensively — Britain, Europe, North Africa, China, the U.S., New Zealand — and has even sailed the South Pacific with her husband and two daughters in a 39-foot sloop.

At the Centre for Continuing Education, her work as program director has involved the education of women for today's society, development of the Women's Resources Centre and development of programs with an emphasis on public policy.

One recent day for Anne Ironside went like this:

6 am Read the Globe and Mail over breakfast. Tidy the house.

6:30 am Work on the opening presentation to the Manitoba Association for Continuing Education.

7:30 am UBC Aquatic Centre.

8:30 am Program planning: talking with program resource people (Dr. Dorothy Goresky, Physicians for Social Responsibility); checking galley proofs for brochure; responding to people looking for information on issues; newspaper reporter wanting ideas for a piece on high school girls' attitudes toward employment; a television station wanting information on job-hunting in today's world; another newspaper reporter on federal funding of post-secondary education from the point of view of the adult learner. (In the fall, program directors spend their time attending to course details, introducing lecturers, etc.)

9:30 am Meeting with other program directors to discuss emerging community issues and upcoming programs.

Julius Kane Dismissed

Prof. Julius Kane (animal resource ecology and zoology) has been dismissed.

A recommendation from UBC president Douglas Kenny that Dr. Kane's appointment be terminated immediately was approved unanimously on May 12 by the Board of Governors.

Prof. Kane has been under suspension, without pay, since March of 1982.

President Kenny instituted dismissal proceedings last September.

At Dr. Kane's request, the matter of the termination of his appointment was referred to a hearing committee as provided for in the Agreement on Conditions of Appointment of Faculty. By a vote of 2-to-1, the committee held that one of the charges, or grounds on which President Kenny had proposed to base a recommendation of termination of appointment, was substantiated and was serious enough to warrant termination.

A 'press release' disseminated by Dr. Kane in the early summer of 1981 was termed "defamatory and beyond the limits of academic freedom" and constituted gross misconduct, warranting termination.

11 am Meeting in the Downtown Women's Resources Centre with the volunteer associates to discuss plans for the celebration of the 10th anniversary of the Downtown Centre.

12 noon Lunch with general practitioner Dr. Costley-White to discuss a health promotion program.

2 pm Planning meeting with people from the Vancouver community and from the Vanier Institute for the Family for a visit by appropriate technologist George McRobie.

4 pm Work on the Canadian Association for Adult Education submission to the House of Commons Standing Committee on Communication and Culture, currently deliberating cultural policy.

5:30 pm Read the Vancouver Sun. Chat with my kids. Dinner with my family. Housework.

8 pm Channel 10 television station for Women's Resources Centre production of Women Today.



Anne Ironside

1st Terry Fox cancer research conference set

The first Terry Fox Cancer Research Conference will take place at UBC from July 4 to 6.

It is an international meeting featuring the best researchers of the genetic and environmental causes of cancer.

"People not involved in cancer research may not recognize some of the people taking part," said Dr. Tony Pawson, assistant professor in UBC's Department of Microbiology and one of the organizers of the conference.

"That's because the researchers are the ones who are doing outstanding work right now. Their international recognition and honors will come later."

Organizers have received funding for three annual meetings. They hope that by the end of the three years, the conference will be established as a premiere international conference on cancer research.

Registration for the full conference is \$25 but local researchers can attend individual sessions free of charge, providing they register.

Information on programs, registration and abstract forms can be obtained from the Terry Fox Cancer Research Conference Secretary, B.C. Cancer Research Centre, 601 West 10th, Vancouver V5Z 1L3. Telephone 873-8401.

CAMPUS PEOPLE

Each year, UBC faculty members win more than their share of awards and honors and 1983 is no exception.

This year the honors and awards list includes four UBC faculty members elected to membership in the Royal Society of Canada, two prestigious Guggenheim fellowships for two members of the Department of Chemistry, an honorary degree to be conferred on a member of the Faculty of Education by McGill University, and two awards for a member of the Faculty of Pharmaceutical Sciences. Details follow.

UBC faculty members have been elected to all three academies which make up the Royal Society of Canada, this country's leading learned society, which meets at UBC May 29 through June 1.

The society, now 101 years old, recognizes distinction and achievement in the humanities, social sciences and the sciences by electing members to fellowship and by the awarding of medals, prizes and scholarships.

Elected to membership in Academy I of the society (*Lettres et sciences humaines*) is Prof. Bernard Saint-Jacques of the Department of Linguistics.

Elected to Academy II (Humanities and Social Sciences) is Prof. Kalevi J. Holsti, who heads UBC's Department of Political Science.

New members of the society's Academy III (Sciences) are Prof. Peter Hochachka of the Department of Zoology and Prof. Donald Ludwig of the Department of Mathematics.

The new UBC members of the society, and 40 others also elected, will be inducted Sunday (May 29) at a ceremony in the Frederic Wood Theatre.

Two members of the UBC chemistry department have been awarded fellowships by the John Simon Guggenheim Memorial Foundation of New York. The prestigious awards are made on the basis of demonstrated accomplishment and strong promise for the future.

The recipients are Prof. Donald G. Fleming, who will undertake studies in nuclear chemistry, and Prof. Brian R. James, who will investigate the mechanism of homogenous catalytic reactions.

The foundation made a total of 292 fellowship awards to U.S. and Canadian scholars and artists. A total of seven awards were made in Canada — three to scholars at the University of Toronto, two at UBC and one each at the Universities of Guelph and Western Ontario.

Prof. George Tomkins, co-ordinator of the Centre for the Study of Curriculum and Instruction in UBC's Faculty of Education, will receive the honorary degree of Doctor of Laws (LL.D.) at McGill University on June 9.

Prof. Tomkins is being honored for his contributions to teaching, research and service in education, with particular reference to geographic education, social studies, Canadian studies generally, curriculum studies and the education of teachers.

Prof. Tomkins has had a long association with the Canadian Studies Foundation and was its co-director from 1971 to 1975 in a project aimed at upgrading the teaching of Canadian studies in all provinces of Canada.

Prof. Tomkins was the recipient last year of a new award of the Canadian Association for Curriculum Studies for "distinguished contributions to Canadian curriculum theory and practice" and in 1981 received the Whitworth award of the Canadian Education Association for distinguished service to education.

Prof. John H. McNeill of UBC's Faculty of Pharmaceutical Sciences has been named the recipient of awards from two major pharmaceutical firms.

McNeill Laboratories of Canada have given him an award aimed at encouraging the development of research programs in all areas of the pharmaceutical profession. The second award, from the Upjohn Co. of Canada, made annually by the Pharmacological Society of Canada, is for significant contributions to his discipline.

Prof. McNeill, who is assistant dean of pharmaceutical sciences, is best known for his research on diabetes.

The Canadian Guidance Counsellors' Association has named two members of the UBC Faculty of Education as the recipients of the 1983 award for the "best book in guidance and counselling."

Dr. Stephen E. Marks and Gordon A. Walter, both members of the Department of Counselling Psychology, were cited as co-authors of a book entitled *Experiential Learning and Change: Theory, Design and Practice*, published by John Wiley and Sons of Toronto.

Dr. Indira Samarasekera and Prof. J. Keith Brimacombe, both members of the Department of Metallurgical Engineering, have been awarded the Williams Prize of Metals Society of London, England, for their research on continuous casting of steel.

A third member of the same department, Dr. Ernest Peters, is one of 23 Canadian scholars who have received Killam fellowships from the Canada Council. The award will enable him to write a textbook on hydrometallurgy, among other things.

Prof. George Poling, head of the Department of Mining and Mineral Process Engineering, is one of eight Distinguished Lecturers named recently by the Canadian Institute of Mining and Metallurgy.

Lecturers are selected for their accomplishments in scientific, technical, administrative or educational activities related to the minerals industry and are expected to give lectures related to their expertise in Canadian centres in the coming year.

A second member of the same department, Prof. Jan Leja, has been named the recipient of the 1983 Walter Gage Teaching Award in Engineering.

Allen Baxter, UBC's associate vice-president and treasurer, was recently made a member of the Financial Executives Institute, an organization of senior financial executives in business and the public service. The institute has its headquarters in New York, with chapters throughout North America.

Prof. Emeritus R.F. "Bob" Osborne, former head of the School of Physical Education, has been honored by the International Olympic Committee. He will be the recipient of a silver Olympic Medal from the international committee for his contributions to the Canadian Olympic movement.

A book entitled *Habitat: Human Settlements in an Urban Age*, written by Prof. Angus Gunn of the Faculty of Education following the UN's 1976 Habitat Conference in Vancouver, has been translated into Spanish and published in Madrid.

Prof. C.O. Brawner of the Department of Mining and Mineral Process Engineering is the recipient of a 1983 publication award by the Society of Mining Engineers for a book on stability in underground mining.

Prof. S.O. Russell of the Department of Civil Engineering is one of four persons appointed by the Lieutenant-Governor in Council to the council of the Association of Professional Engineers of B.C. for 1983.

Two graduates of UBC's School of Music have received the top awards in the 22nd radio talent competition sponsored by the Canadian Broadcasting Corporation.

Jon Kimura Parker, who is currently working on his doctorate at the Juillard School of Music in New York, was the grand prize winner in the competition. He received a cash award of \$2,500 and a trophy in the piano category and the \$5,000 grand prize as the performer who showed the greatest potential for a solo career.

Soprano Debra Parker, who is also currently enrolled at the Juillard School for master's degree studies, was the winner of the \$2,500 first prize in the voice category of the CBC competition.

New UBC Bookstore really seven in one

The second largest bookstore in Canada . . . one of the top-half-dozen bookstores in the world . . . by far the largest university bookstore in the country — that's the new UBC Bookstore at the corner of University Boulevard and East Mall.

The new bookstore, which opens for business on May 30, is really seven bookshops in one, a 'department store' of bookshops linked by a 'yellow brick road' made of red-brown quarry tile.

There is a general bookshop and six academic bookshops, although the academic sections combine both course and non-course volumes. The six are: language and literature, arts and humanities, social and behavioral sciences, health sciences, science and engineering, and professional (law, education, librarianship, architecture, landscape architecture, social work).

Bookstore director John Hedgecock, who learned his trade in Britain and then spent nine years at McMaster University before coming to UBC in 1976, expects to sell upwards of 250 tons of books this year, close to a half-million individual volumes. Course books, he says, will account for less than half of the sales.

The new store is so large (55,000 square feet, including 35,000 square feet of selling space) that use of the UBC Armory for the annual sale of textbooks in September will not be necessary.

"In September, we'll just set out skidloads of texts in the aisles," says Mr. Hedgecock, who sees the University's 25,000 students as potential buyers of more than textbooks.

"I'm sure that quite a number of the students who used to buy their textbooks in the Armory never subsequently came near the old bookstore."

Apart from course books, some 50,000 individual titles are displayed on the shelves of the seven bookshops.

"We want to be, and we expect to be, the province's major outlet for servicing customer needs that cannot be met by private bookstores," says Director Hedgecock. "We'll stock the latest editions of medical, scientific and other professional books, and we'll undertake to bring in any book that's in print anywhere in the world with no service charge."

The new store, which has a staff of more than 60, contains a separate room for the display and sale of microcomputers, and carries many other special items such as medical instruments, calculators, stationery and writing supplies.

There is a full display of 'insignia merchandise' — clothing and souvenirs carrying the UBC crest — and if you want a briefcase or knapsack for carrying your books, you can buy that at the new bookstore too.

Summer at UBC offers something for everybody

UBC is far more than just classrooms and research laboratories. The campus offers a wide range of cultural and recreational activities, and the summer season is no exception.

If you're interested in a workout or a swim, the UBC Aquatic Centre gives you a choice of indoor or outdoor pools, along with fully equipped exercise areas, steam rooms and saunas. For information on public hours, call 228-4521.

UBC's School of Physical Education and Recreation offers a wide range of sports programs for children and adults until September. You can get information by calling 228-3688.

The UBC Centre for Continuing Education also offers sports programs on campus. In addition, the centre offers a full schedule of non-credit lectures, mini-courses, field trips and events, plus a special program for senior citizens. For information, call 228-2181.

If you are interested in gardening, or just in beauty, the many parts of UBC's Botanical Garden are worth more than one visit. Main areas include the B.C. Native Garden, Alpine Garden and the new Food Garden, all in the area just below Thunderbird Stadium, and the Asian Garden on the water side of Marine Drive — reached via tunnel from the main garden. Also in the main garden area below the stadium is the Physick Garden, where you can see plants used for medicinal and pharmaceutical purposes. The Rose Garden at the north end of Main Mall is at its best in June. West of there is the peaceful, classically beautiful Japanese Nitobe Memorial Garden.

Stage Campus '83 will present three plays this summer in the Frederick Wood Theatre.

The first production, June 15 to 25 except Sunday, will be *The Persecution and Assassination of Jean-Paul Marat as Performed by the Inmates of the Asylum of Charenton under the Direction of Marquis De Sade*. It's by Peter Weiss, and the UBC director is Henry Wolfe.

From July 6 to July 16, the production is *The Memorandum*, by Vaclav Havel, directed by John Cooper.

Another play, not yet determined, will run July 20 to July 30.

The Museum of Anthropology offers programs for children in July and August. July 11 to 15 and July 18 to 22 the program is Northwest Coast drawing for beginning students. July 25-29, it will be

Northwest Coast drawing for advanced students. The program Aug. 8 to 12 will be Japanese fan painting: An introduction to the history, usage, and painting of fans in Japan.

The summer programs are for children aged 8 to 13.

The museum is featuring a number of special exhibits from now until September — The Magic Masks in Sri Lanka, Krishna Worship at Nathdwara, Puppets of Rajasthan, Early Kwagiutl Drawings and Paintings on Paper, and Show and Tell: The Story of a Big Mac box.

For information on any museum activity, call 225-5087.

For music lovers, there are three faculty recitals remaining, all starting at 8 p.m. in the recital hall of the Music Building. All are free.

On May 31, Hans-Karl Piltz (viola) and Ailsa Zaenker (piano) will perform works by Hindemith and Beethoven. On June 7, organist Patrick Wedd will be featured, with works of Bach, Gowers and Jolivet. There will be a trio performing on June 14 — Paul Douglas (baroque flute), Maria Derungs (viola de gamba) and James Baily (harpsichord). Soprano Joni Alden will be vocalist. Works by Bernier, Hotteterre, De La Barre, Blavet and Boismortier.

Visitors to the campus are invited to tour one of the most advanced facilities in Canada for dairy cattle research and teaching. Milking time is 2:30 p.m. For tour reservations, call 228-4593.

Regular tours of TRIUMF, the world's largest cyclotron, are held Monday through Friday at 11 a.m. and 2 p.m. Each tour lasts about an hour. Visitors should arrive at TRIUMF reception, 4004 Wesbrook Mall, at least 10 minutes before tour times. Groups are asked to call 228-4711 at least 24 hours in advance.

Other attractions to take in at UBC this summer include the M.Y. Williams Geology Museum (call 228-5586 for hours) and the spectacular Asian Centre, located adjacent to the Nitobe Garden.

Guided tours of the campus — geared to a particular group's interest — can be arranged by calling 228-3131. Public events information is available at the same number 24 hours a day (recorded after 5 p.m.).

UBC CALENDAR

Deadlines

For events in the weeks of June 19 and 26 and July 3, material must be submitted not later than 4 p.m. on Thursday, June 9. Send notices to Information Services, 6328 Memorial Road. (Old Administration Building). For further information, call 228-3131.

* Indicates a public event associated with meetings of the Learned Societies of Canada at UBC May 29-June 8.

SUNDAY, MAY 29

Intensive Sunday French.
Spend a day brushing up your French conversational skills. This one-day course is designed for people with a limited background in French. 10 a.m.-10 p.m. includes class, lunch and soiree quebecoise. For further information call Language Programs and Services at 228-2181, local 227.

*Theatre Production.

The play *Paper Wheat* will be performed in the Dorothy Somerset Studio May 29, 30 and 31 by the theatre department of Fraser Valley College. Tickets \$6; \$5 for students and seniors. 8 p.m.

MONDAY, MAY 30

*Special Lecture.

William Kinsley, University of Montreal, speaks on *By-Indirections Find Directions Out: The True Art of Literary Illusion*. Room A106, Buchanan Building. 11 a.m.

Cancer Research Seminar.

Expressions of Cytoskeletal Tropomyosins in Normal and Transformed Cells. Dr. Alexander R. MacLeod, Ludwig Institute for Cancer Research, Cambridge, England. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12 noon.

*Poetry Reading.

From the *Vision Tree*: B.C. poet Phyllis Webb reads selections from her own work. Room A102, Buchanan Building. 2 p.m.

Biochemical Discussion Group Seminar.

Molecular Analysis of Genes Coding for Human Cytoskeletal Tropomyosins. Dr. Alexander R. MacLeod, Ludwig Institute for Cancer Research, Cambridge, England. Room 4210, Block A, Medical Sciences Building. 4 p.m.

*Poetry Reading.

Poets Samuel Selvon and Michael Ondaatje will read selections from their own works. Room B221, Buchanan Building. 8 p.m.

*Piano Concert.

Piano works by Szymanowski and Canadian composers performed by Philip Adamson and Luba and Ireneus Zuk. Recital Hall, Music Building. 8:00 p.m.

Early Masks of the Northwest Coast Indians.

Knowledge Network in association with the UBC Museum of Anthropology. Professor of Fine Arts Alan Sawyer shows illustrations of 18th century Northwest Coast Indian masks, and discusses the importance of this early material as evidence of the refined art of this pre-contact period. Cable 18. 9:30 p.m.

TUESDAY, MAY 31

*Special Lecture.

Mavor Moore, Canada Council and York University, speaks on *The Cant of Criticism*. Room A106, Buchanan Building. 2 p.m.

Biochemistry Seminar.

The ATPase Complex of Escherichia coli: Studies on the N,N'-Dicyclohexylcarbodiimide (DCCD)-Binding Protein. T. Loo, Biochemistry, UBC. Lecture Hall 1, Woodward Instructional Resources Centre. 3 p.m.

*Poetry Reading.

Poet Samuel Selvon reads selections from his own works. Room B221, Buchanan Building. 3:30 p.m.

International Cooking Class.

Join our cooking classes — get a recipe — taste the food. Admission 50 cents. Kitchen, International House. 7:30 p.m.

*Faculty Recital.

Works by Beethoven and Hindemith performed by Hans-Karl Piltz, viola, and Ailsa Zaenker, piano. Recital Hall, Music Building. 8 p.m.

*Poetry and Literature Reading.

Public reading by Paul Chamberland, poet, and Leon Rooke, short story writer, sponsored by the Association for Canadian and Quebec Literatures and the Canada Council Touring Office. Cecil Green Park. 8 p.m.

WEDNESDAY, JUNE 1

*Special Lecture.

John Matthews, Queen's University, speaks on *Literature and Politics*. Rooms 101, 102 and 201, Curtis Building (Law). 2 p.m.

*Public Lecture.

Ferdinand Melichar, West German lawyer and an expert on copyright in literature and music, speaks on *State Support for Writers, Publishers and Libraries in the Federal Republic of Germany*. Hebb Theatre. 8 p.m.

THURSDAY, JUNE 2

Biomembranes Discussion Group and Pathology Department Seminar.

Adhesion and Conductance of Model Membranes Containing Gangliosides. Dr. Greg Brewer, Southern Illinois University School of Medicine. Phil Vassar Memorial Seminar Room, Pathology, Ground Floor, Acute Care Unit. 12 noon.

Biomembranes Discussion Group Seminar.

Ca²⁺-dependent Protein Kinases: Studies on Calmodulin-Dependent and Phospholipid-Dependent Kinases. Dr. Christian Le Peuch, Charge de Recherche, Institut National de la Sante et de la Recherche Medical, Montpellier, France, and Molecular Pharmacology, Albert Einstein College of Medicine, New York. Room 4210, Block A, Medical Sciences Building. 12:30 p.m.

Special Applied Mathematics Seminar.

Global Bifurcation Diagram and Recovery of Stability in Nonlinear Diffusion System. Prof. Yasumasa Nishiura, Kyoto Sangyo University, Japan. Room 225, Mathematics Building. 3:30 p.m.

FRIDAY, JUNE 3

Biochemical Discussion Group Seminar.

Human Factor IX Gene: Molecular Cloning, Structural Analysis, and Molecular Lesions in Hemophilia B. Dr. K.H. Choo, Medicine, School of Medicine, University of California, San Francisco. Room 4210, Block A, Medical Sciences Building. 3:30 p.m.

SATURDAY, JUNE 4

*Asian-Canadian Poetry Readings.

Stretching Beyond, readings by prominent Canadian poets of Asian heritage. Readings by Cyril Dabydeen, Ottawa; Surjeet Kalsey and Amjer Rode, Vancouver; and Joy Kogawa, Toronto. Free admission. Room 101, East Mall Annex. 12:30 p.m.

*Classical Hindusthani Music.

Sharmista Sen performs music in the Seniya tradition. Tickets \$5 at the door or reservations through the Asian studies department, Room 403, Asian Centre. Auditorium, Asian Centre. 8 p.m.

MONDAY, JUNE 6

Pathology Seminar.

Human Transferrin, and the Relevance of

Its Glycans to Hepatic Iron Metabolism.

Dr. Erwin Regoeczi, Pathology, McMaster University. Pathology Seminar Room, Main Floor, Heather Pavilion, VGH. 9 a.m.

Biochemical Discussion Group Colloquium.

Cell Surface Virulence Protein From Aeromonas salmonicida. Dr. Bill Kay, Biochemistry, University of Victoria. Room 4210, Biochemistry, Block A, Medical Sciences Building. 4 p.m.

Nineteenth Century Northwest Coast Indian Villages.

Knowledge Network in association with the UBC Museum of Anthropology. Photographer Bill McLennan shows interesting detail of archival photographs of Northwest Coast Indian villages, and compares recent photographs of some of the village sites. Cable 18. 9:30 p.m.

TUESDAY, JUNE 7

Mining Lectures.

Two lectures on Placer Gold by Mike W. Milner, consultant, Toronto. Genesis of Placer Gold Particles at 10:30 a.m.; Law of the Pay Streak at 1:30 p.m. Room 317, Frank Forward Building.

*Organ Recital.

Works by Bach, Gowers and Jolivet performed by Patrick Wedd, organ. Recital Hall, Music Building. 8 p.m.

WEDNESDAY, JUNE 8

Pacific Rim Series.

Trade and Investment Prospects between Japan and Western Canada. Clyde Weaver, Community and Regional Planning, UBC. Room 604, Asian Centre. 4:30 p.m.

SATURDAY, JUNE 11

Vancouver Society for Early Music.

Music of Monteverdi and Contemporaries. Erica Northcott, Bruce Pullan, James Fankhauser and Ray Nurse, with "Spectrum" Vocal Chamber Ensemble and instrumentalists. \$8.50; students and seniors, \$6. Recital Hall, Music Building. 8 p.m.

MONDAY, JUNE 13

Terry Fox Visiting Professor Seminar.

The Human Prostate: The Male Enigma. Prof. W.I.P. Mainwaring, Biochemistry, University of Leeds, England. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12 noon.

Biochemical Discussion Group Colloquium.

The Role of Protein Phosphorylation in the Neural and Hormonal Control of Cellular Activities. Dr. Philip Cohen, University of Dundee. Lecture Hall 4, Woodward Instructional Resources Centre. 4 p.m.

Contemporary Textiles from Taquile, Peru.

Knowledge Network in association with the UBC Museum of Anthropology. Mary Frame, specialist in Peruvian textiles, shows illustrations and examples of the colorful textiles of Taquile, a small island village on Lake Titicaca, Peru, and discusses the importance of this cottage industry to the remarkable community. Cable 18. 9:30 p.m.

TUESDAY, JUNE 14

Faculty Recital.

Music by Bernier, Hotteterre, De La Barre, Blavet and Boismortier. Paul Douglas, baroque flute; Joni Alden, soprano; Maria Derungs, viola da gamba; and James Bailey, harpsichord. Recital

Hall, Music Building. 8 p.m.

WEDNESDAY, JUNE 15

Pacific Rim Seminar.

The British Columbia Economy and the Pacific Rim. Barbara Johnson, director, International Economic Relations, B.C. Ministry of Industry and Small Business Development, and Denis Grimmer, consultant, Ministry of Industry and Small Business Development. Room 604, Asian Centre. 4:30 p.m.

THURSDAY, JUNE 16

Women Students' Orientation.

Women Coping with Campus. First of two one-session programs for women planning to enter UBC this fall after a break of five or more years in their education. Women can take either the daytime session (on June 21 from 9 a.m. to 3 p.m.) or this evening one from 5 to 10 p.m. The program is free, but registration is required. Register at Room 203, Brock Hall. Enquiries: 228-2415. Room 223, Brock Hall.

Notices . . .

Athletic Therapy Conference

Leading experts on treatment of athletic injuries will take part in this conference by the Canadian Athletic Therapists Association June 9-12. For information, call Ron Mattison, 228-2641.

Intensive French for Adults

Three-week intensive conversational programs teach internationally spoken French and provide insights into the society and culture of the Francophone world. Morning programs at all levels will run May 31-June 17 and June 20-July 8. For further information please call Language Programs and Services at 228-2181, local 227.

Museum of Anthropology

Exhibits: Sensibilities: Unsuspected Harmonies in Multicultural Aesthetics, continues until June 5; **The Magic Masks in Sri Lanka, Krishna Worship at Nathdwara, Puppets of Rajasthan, Show and Tell: The Story of a Big Mac Box and Early Kwagiutl Drawings and Paintings on Paper,** all continue until September. **Guided Gallery Walks: Tuesdays and Thursdays at 2:30 p.m. through June. Katari Taiko returns with the ever-popular Japanese talking drums. Sunday, June 5 at 1 p.m. Great Hall. Summer Programs for Children, 8-13 Years Old: (1:30-3 p.m., \$30 per session) Once again the museum is pleased to offer a series of Northwest Coast Indian art programs for children. In addition, an innovative additional program on Japanese fan painting will be offered. July 11-15 and July 18-22, Northwest Coast drawing for beginning students. July 25-29, Northwest Coast drawing for advanced students. Aug. 8-12, Japanese fan painting: An introduction to the history, usage, and painting of fans in Japan.**

Faculty and Staff Tennis.

Reserved times for Faculty and Staff Tennis Club are 12 noon to 1:30 p.m. Monday, Wednesday, Friday and 4 to 6 p.m. Tuesday and Thursday on Memorial Courts. Thunderbird courts are not available this year. For more information, call 228-2197.

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