Record 3,591 students will get academic degrees

A record 3,591 students will have academic degrees conferred on them by Chancellor John .V. Clyne during the University's three-day Congregation, May 28, 29 and 30.

The record graduating class — the biggest in UBC's 65-year history — includes 621 students receiving Bachelor of Arts degrees, 449 graduating with Bachelor of Science degrees, 443 with Bachelor of Education degrees and 337 with Bachelor of Commerce degrees.

UBC's annual degree-granting ceremony follows traditional lines. Graduating students, whose degrees were officially approved by the University Senate on May 21, are individually presented to Chancellor Clyne during the Congregation ceremony by the deans (or their delegates) of the faculties awarding the degree.

Students then cross the platform and kneel before the chancellor, who taps each lightly on the head with his mortar board while intoning the words, "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, who is that body's chairman.

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

Five honorary degrees will also be conferred during the three-day Congregation, which begins at 2:15 p.m. each day in the War Memorial Gymnasium at UBC.

A reception for faculty, graduates and guests follows the ceremonies in the cafeteria of the Student Union Building or on the lawn nearby.

Wednesday, May 28

At Wednesday's ceremony, students will receive their doctor's degrees in musical arts; master's degrees in arts, fine arts, music, social work, science (business administration), business administration, library science; and bachelor's degrees in arts, fine arts, home economics, music, social work, commerce; and licentiate in accounting.

In addition, the honorary Doctor of Laws (LL.D.) degree will be conferred on UBC Professor Emeritus of Music Harry Adaskin, renowned violinist and former head of UBC's music program. Prof. Adaskin was a founding member of the Hart House Quartet, the first Canadian quartet to gain an international reputation, in the 1920s and 1930s.

He was invited to join the UBC faculty in 1946 as professor of music, a post he held on a full-time basis until 1967 and on a part-time basis until 1973. With his wife, pianist Frances Marr, he taught several thousand students the art of listening through music appreciation courses.

The honorary Doctor of Laws (LL.D.) degree will also be conferred Wednesday on Robert Broughton Bryce, widely known for his work as chairman of the federal Royal Commission on Corporate Concentration, established in 1975. For more than three decades he was one of Canada's leading federal civil servants and held the posts of secretary of the Treasury Board, secretary to the Cabinet and deputy minister of finance.

He was executive director of the World Bank in 1946-47 and held the same post with the International Monetary Fund from 1971 to 1974.

Thursday, May 29

Students will receive Doctor of Education degrees; master's degrees in education, physical education and science; and bachelor's degrees in science, education, physical education and recreation education during Thursday's ceremony.

An honorary Doctor of Science degree will be conferred on Dr. David Stephen Saxon, a noted physicist who has been president of the University of California since 1975.

Dr. Saxon has been a faculty member at the University of California at Los Angeles since 1947, and is widely known for his work in the fields of theoretical and nuclear physics, quantum mechanics and electromagnetic theory. He held numerous administrative positions at UCLA before becoming president of the California university system.

Friday, May 30

On the final day of Congregation ceremonies, Doctor of Philosophy degrees will be conferred. Recipients of this degree will include this year for the first time a blind student, Rodney Michalko. (See photo and cutlines.)

Students will also receive master's degrees in applied science, engineering, architecture, science in nursing, forestry and laws; bachelor's degrees

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UBC reports

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Union voting on UBC offer

The University has signed a memorandum of agreement with its largest union, the 1,700-member Canadian Union of Public Employees, Local 116.

Details of the pact with CUPE will not be released until completion of a mail ballot of union members, expected Friday. Negotiators for both sides recommended acceptance.

CUPE represents general service and trades employees.

Meanwhile, talks resumed last week between the University and the Association of University and College Employees (AUCE), which began selective strike action May 2.

Negotiators met Friday, Monday and Tuesday and a further session was scheduled for 9 a.m. today (Wednesday). A general membership meeting is scheduled for 12:30 p.m. Thursday in IRC 2, and union negotiators hoped to have a new University offer to place before the meeting.

AUCE has been picketing the General Services Administration Building, the Computing Centre and the Conference Centre (Gage Residence). There has been minimal disruption of University Services.

UBC has offered AUCE members a general wage increase of 10 per cent, plus a once-only signing bonus of $100 each. The union asked for 11 per cent the day the strike started, then raised the demand to 15 per cent.

Roadwork forces 16th Ave. closure

The provincial highways department has now completely closed 16th Ave. west of Blanca St. to carry out extensive work to upgrade that approach to the UBC campus.

The closure will be in effect for some months until roadwork is complete. The intersection of 16th Ave. and Wesbrook Mall is being kept open to allow those who work in the south campus research area to reach their places of work.

Photo by Jim Banham

Rod Michalko and his wife, Barbara Williams, have double cause for celebration this week. He's the first blind student ever to earn a Doctor of Philosophy degree at UBC. It will be awarded on Friday, two days after Ms. Williams receives her Bachelor of Arts degree in sociology. Rod's Ph.D. is also in the field of sociology. Mr. Michalko, who also holds a Master of Arts degree from UBC, says he couldn't possibly have graduated without the help of the Crane Library for the blind at UBC, which tape recorded some 250 texts and research papers for him. Rod also has special optical equipment that magnifies typescript which appears on an adjacent television screen, lower right. On July 1, Rod starts work in Toronto at the A.V. Weir Centre, a staff training and research centre operated by the Canadian National Institute for the Blind.

Ottawa confirms intention to up research grants

The federal government has confirmed its intention to increase by 35 per cent the money available to Canadian university scientists for research in the natural sciences and engineering.

And UBC representatives who sit on the other two major national granting agencies — the Social Sciences and Humanities Research Council (SSHRC) and the Medical Research Council (MRC) — say those bodies are proceeding on the assumption that substantial increases in research funds will be available in 1980-81.

Confirmation of the 35 per cent increase in grants to the Natural Sciences and Engineering Research Council (NSERC) was announced in Ottawa earlier this month by Hon. John Roberts, the federal Minister for Science and Technology, when he addressed the Canadian Association of University Research Administrators.

The increase of $41.8 million to NSERC would give that body a 1980-81 budget of $162.6 million.

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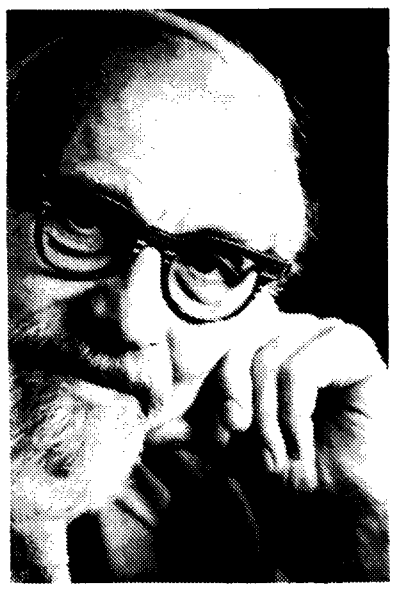

Harry Adaskin

Robert B. Bryce

David S. Saxon

Harold Copp

CONGREGATION
Continued from page 1

in science (agriculture), applied science, architecture, science in nursing, science in forestry, and science (pharmacy). Doctor of Medicine, Bachelor of Science in Rehabilitation, Doctor of Dental Medicine, and Bachelor of Laws degrees will also be conferred on Friday.

An honorary Doctor of Science (D.Sc.) degree will also be conferred on Dr. Douglas Harold Copp, head of the physiology department in UBC's Faculty of Medicine and internationally known for his research on calcium metabolism.

Dr. Copp will retire on June 30 after having served as head of the Department of Physiology in the Faculty of Medicine since it was founded in 1950. During this time he has gained an international research reputation for his discovery of the hormone calcitonin, which regulates the concentration of calcium circulating in the blood.

Calcitonin is the most powerful protein known and promises to be an important tool in treating bone diseases and other ailments. Dr. Copp has been honored internationally for his discovery and has also served as president of a number of Canadian professional organizations.

An honorary Doctor of Laws (LL.D.) degree will be conferred on John Edward Liersch.

Mr. Liersch is a UBC graduate who headed the University's former Department of Forestry from 1942 to 1946. From 1946 until 1970 he held executive positions with the former Powell River Company, which then became MacMillan Bloedel and Powell River Ltd., and Canadian Forest Products Ltd.

He was a member of UBC's Board of Governors from 1962 to 1972 and served as Board chairman in 1970-71. He was also associated with the development of UBC's Health Sciences Centre as a member of its management committee from 1973 to 1976. He was a member of the provincial Royal Commission on Education, chaired by former UBC Arts Dean Sperrin Chant, from 1958 to 1960.

UBC also pays tribute during the Congregation ceremony to those students who have headed their respective graduating classes. Following are names of heads of the 1979 graduating classes. Unless otherwise noted they are residents of Vancouver.

John Liersch

The Association of Professional Engineers Gold Medal (head of the graduating class in Engineering, B.A.Sc. degree): Terry Lewis Eldridge, Kelowna, B.C.

Helen L. Balfour Prize, $300 (head of the graduating class in Nursing, B.S.N. degree): Christine Louise Nelson.

Dr. Maxwell A. Cameron Memorial Medal and Prize (head of the graduating class in Education, Secondary Teaching Field, B.Ed. degree): Lillian M. Zachary.

Dr. Maxwell A. Cameron Memorial Medal and Prize (head of the graduating class in Education, Elementary Teaching Field, B.Ed. degree): Edna Joan Donnely.

Ruth Cameron Medal for Librarianship (head of the graduating class in Librarianship, M.L.S. degree): Judy Carol Neill.

The Canadian Institute of Forestry Medal (best overall record in Forestry in all years of course, and high quality of character, leadership, etc.): Dan Scott Price, Chilliwack, B.C.

The College of Dental Surgeons of British Columbia Gold Medal (head of the graduating class in Dentistry, D.M.D. degree): Stewart Eric Rohrer, Port Alberni, B.C.

The College of Dental Surgeons of British Columbia Gold Medal in Dental Hygiene (leading student in the Dental Hygiene Program): Christine Marta Wills.

The Dean of Medicine's Prize (School of Rehabilitation Medicine) (head of the graduating class in Rehabilitation Medicine, B.S.R. degree): Teresa Adel Taylor.

The Governor-General's Gold Medal (head of the graduating classes in the Faculties of Arts and Science, B.A. and B.Sc. degrees): Anne Alexandria Gardner, Coquitlam, B.C.

The Hamber Medal and Prize, $250 (head of the graduating class in Medicine, M.D. degree, best cumulative record in all years of course): Edward Charles Jones, Port Moody, B.C.

The Horner Prize and Medal for Pharmaceutical Sciences, $100 (head of the graduating class in Pharmaceutical Sciences, B.Sc. Pharm. degree): Angela Cheryl Freberg, Castlegar, B.C.

The Kiwanis Club Medal (head of the graduating class in Commerce and Business Administration, B.Com. degree): Barbara J. Simpson, Vernon, B.C.

The Law Society Gold Medal and Prize (call and admission fee) (head of the graduating class in Law, LL.B. degree): Paul A. Hildebrand.

The Physical Education Faculty Award (head of the graduating class in Physical Education, B.P.E. degree): Linda Jean Lovell, Burnaby, B.C.

The Recreation Society of British Columbia Prize (head of the graduating class in Recreation, B.R.E. degree): Paula Louise Jensen.

The Wilfred Sadler Memorial Gold Medal (head of the graduating class in Agricultural Sciences, B.Sc. (Agr.) degree): Jan Elizabeth Langton, Vernon, B.C.

The Special University Prize, $200 (head of the graduating class in Architecture, B.Arch. degree): Elna Karen Strand, Port Moody, B.C.

The Special University Prize, $200 (head of the graduating class in Fine Arts, B.F.A. degree): Allan Wesley Peters, Victoria, B.C.

The Special University Prize, $200 (head of the graduating class in Home Economics, B.H.E. degree): Vanda Lynn Spence, Burnaby, B.C.

The Special University Prize, $200 (head of the graduating class in Licentiate in Accounting): Won H. Lee.

The Special University Prize, $200 (head of the graduating class in Music, B.Mus. degree): Thomas Gordon Sinclair, White Rock, B.C.

The University Medal for Arts and Science (proficiency in the graduating classes in the Faculties of Arts and Science, B.A. and B.Sc. degrees): Lauren Mary-Anne Dubeau, Burnaby, B.C.

RESEARCH
Continued from page 1

Dr. John Dirks, head of the Department of Medicine in UBC's medical school and a member of the Medical Research Council, told *UBC Reports* that MRC had been assured that its budget would be increased by 17.4 per cent or $12.2 million and was proceeding on the assumption that it would have about $82.2 million to distribute in 1980-81.

UBC's president, Dr. Douglas Kenny, who sits on the Social Sciences and Humanities Research Council, said the SSHRC was also proceeding on the assumption that it will get $41.7 million in 1980-81, an increase of $5.8 million or 16.2 per cent over 1979-80.

Mr. Roberts, after confirming the NSERC increase to the research administrators meeting in Ottawa earlier this month, said "The increases in the 1980-81 budgets of the other two councils as they appear in the estimates are: an MRC budget of $82.2 million...and a SSHRC budget of $41.7 million... The longer-term budgets of the three councils will be assessed in the context of total financial requirements by the government in the coming years."

The news that the three granting agencies can expect increases for 1980-81 represents something of a triumph for the Canadian research community, which has been lobbying for the best part of a decade to convince the federal government to stop the decline in the real value of research support.

The increases referred to by Mr. Roberts were all announced by the Progressive Conservative government prior to the federal election in February, which resulted in the election of a Liberal government.

A substantial part of the increase to NSERC will be used to initiate programs designed to attract students into post-graduate research.

NSERC has already awarded 1,000 summer research grants to Canadian undergraduate university students to kindle interest in pursuing research as a career path.

A total of 80 UBC students have received the awards, valued at $550 a month plus possible travel allowances, which may be supplemented by additional University funds.

NSERC says it plans to expand the program in 1981 to provide undergraduate students with exposure to research in industry.

NSERC has also announced a new program of research fellowships in Canadian universities for "promising researchers in the natural sciences and engineering for an initial period of up to five years."

This program and a planned scheme of industrial research fellowships to be introduced in the fall of 1980 will "hopefully encourage closer interaction between researchers in universities and in industry and mobility between these two sectors," a NSERC circular says.

Details on the NSERC fellowship program are available from the UBC Research Administration Office in the Old Auditorium.

* * *

The Science Council of B.C., which is chaired by UBC physicist and vice-president of faculty and student affairs Prof. Erich Vogt, will receive a $4 million research-fund allocation for 1980-81 from the provincial government.

Two research competitions will be held, with closing dates of June 30 and Nov. 30. Additional information, application forms and instructions are available from the council, which is located at 7671 Alderbridge Way, Richmond. V6X 1Z9. The council's phone number is 273-0788.

The council has identified eight areas for research support. They are coal and mineral resources, forests and forest products, energy, ocean, marine and aquatic resources, electronics and communications, transportation, food and agriculture and manufacturing and machinery.

Prof. Vogt said that about $1.2 million of the $4 million allocation recently approved by the provincial government will be used to provide on-going support to researchers. The balance will be allocated to new projects.

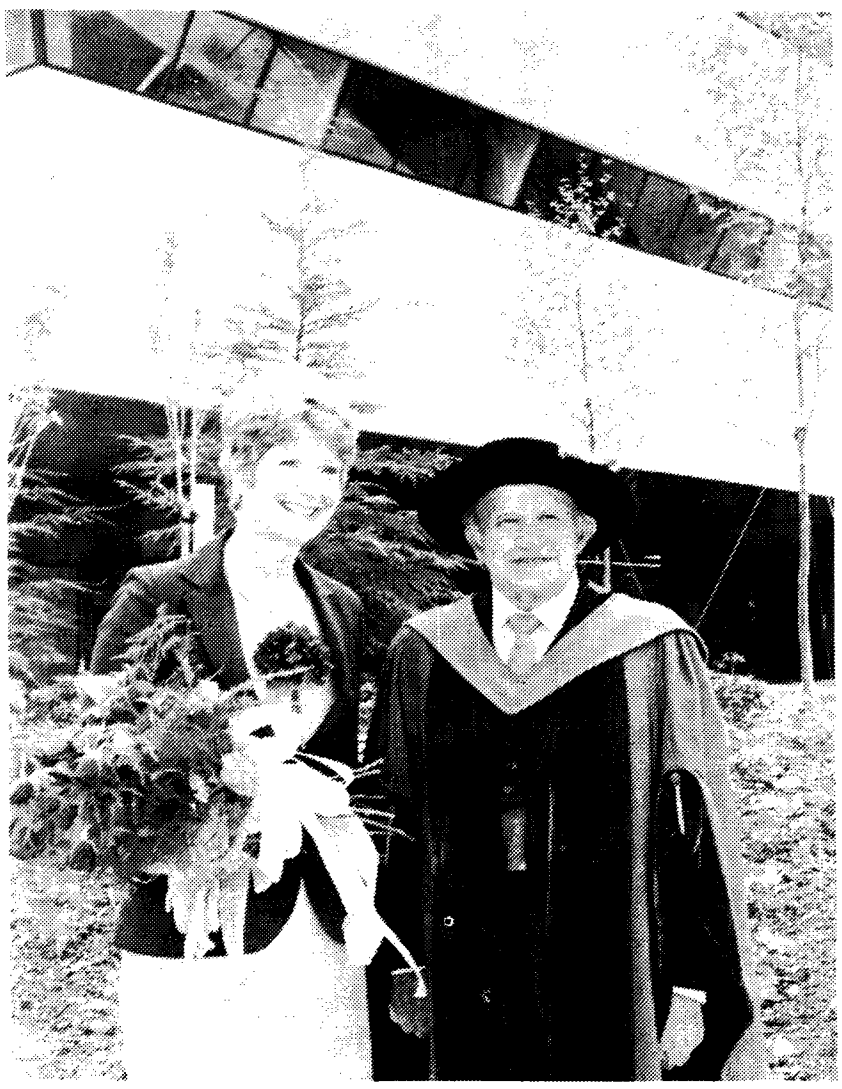

Photo by Department of Biomedical Communications

Guests of honor at May 16 ceremonies associated with UBC's Health Sciences Centre were Mrs. Dorothy McCreary, widow of the late Dr. John F. McCreary, former UBC dean of Medicine and co-ordinator of health sciences, and UBC benefactor Dr. Walter C. Koerner. UBC's now-complete Health Sciences Centre has been named for Dr. McCreary, and new acute care unit (seen in background), final component of the Health Sciences Centre Hospital, for Dr. Koerner.

Vision as old as UBC now a reality on campus

A vision as old as the University itself is now a reality.

In an hour-long ceremony attended by some 500 people on May 16, the University:

- Officially opened and named the Walter C. Koerner Acute Care Unit, the new on-campus teaching, research and service hospital first envisioned by UBC's first president, Dr. Frank Wesbrook, during the First World War; and
- Officially named the campus Health Sciences Centre for the training of health professionals for the late Dr. John F. McCreary, the pioneering medical educator and former UBC medical dean who fostered development of the health-team approach to medical care.

The naming of the Health Sciences Centre for Dr. McCreary marks completion of the on-campus facilities for the education of UBC students in the health sciences, including those in the Faculties of Medicine, Dentistry and Pharmaceutical Sciences, as well as the Schools of Nursing and Rehabilitation Medicine.

Also associated with the centre for certain aspects of their educational programs are the Schools of Home Economics and Social Work and the Department of Psychology.

The opening and naming of the Walter C. Koerner Acute Care Unit marks completion of the Health Sciences Centre Hospital, made up of the 60-bed Psychiatric Unit, the 300-bed Dr. Harry L. Purdy Extended Care Unit and the 240-bed Koerner Acute Care Unit.

In naming the acute care unit for Dr. Koerner, the University honors a benefactor whose quarter-century of association with UBC includes 15 years as a member of the Board of Governors and membership on the management committee of the Health Sciences Centre since it was established in 1972.

Dr. Koerner stepped down as chairman of the management committee the day after the May 16 ceremony to become vice-chairman. The new chairman is Gerald Hobbs, former chairman of the board of Cominco.

Dr. Douglas T. Kenny, UBC's president, speaking at the ceremony, described the event as "a truly great day for the whole community and the University.

"We see the Walter C. Koerner Acute Care Unit and the John F. McCreary Health Sciences Centre as one of the important means by which UBC can and must serve all the citizens of British Columbia."

The president said UBC's first president, Dr. Frank Wesbrook, "would feel...that the travails of his years...were not in vain, and that his high hopes and vision for a service, teaching and research hospital were a worthy dream now happily realized."

President Kenny said that when UBC's medical school opened in 1950, the government of the day was unable to provide the necessary capital funds to build a teaching hospital, despite the fact that it had been recommended in two reports and a Senate resolution during the 1940s.

It was not until 1971, the president added, that the recommendations of the 1940s were adopted as policy. "I mention this earlier history," the president said, "because I believe it is our responsibility in universities to keep alive the long-term view. It is our responsibility indeed to remind ourselves, and governments should they need it, of the future."

UBC will continue to have close association with a number of other hospitals in the Vancouver area for teaching and research purposes. The acute care unit on campus "is different from other teaching hospitals in one important respect," President Kenny said. "It will allow the closest collaboration between clinical specialists involved in patient care, and the basic medical and other scientists on campus."

And because the acute care unit also provides permanent academic space for the Schools of Nursing and Rehabilitation Medicine, the president added, the continued development of the health sciences team concept will be fostered.

"What this centre and hospital mean to the young people of B.C. who seek to serve our sick is a new freedom of opportunity to study, to engage in research and, most importantly, to prevent or treat human disease."

Dr. Patrick McGeer, BC.'s minister of universities, science and communications, predicted that the new acute-care unit "will become the most important hospital in Canada" as the result of the acquisition of "ultra-modern research equipment in the field of nuclear medicine which will make it possible to take a three-dimensional picture of biochemical events within the body of a diseased patient." (See story on this page.)

Dr. McGeer said that with the opening of the acute care unit, the UBC medical school "takes its place alongside the great medical universities of North America." The value of

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PET will study brain disorders

When Dr. Patrick McGeer said last week at the ceremonies associated with the opening of UBC's Health Sciences Centre that the new campus acute care unit would house "ultra-modern research equipment in the field of nuclear medicine," he was referring to a positron emission tomograph(PET).

The provincial minister of universities, science and communications told the audience that the Science Council of B.C. had recommended to the Universities Council the acquisition of the machine, which makes it possible to take a three-dimensional picture of the brain in an alert and awake patient without causing any pain.

The machine, which costs more than $600,000, marries ultra-sophisticated technologies from a variety of areas. An explanation of how it works reads like science fiction. Involved are a cyclotron, a computer and the annihilation of matter by anti-matter.

The PET technique is being hailed as one of the most significant advances in decades in the study of brain disease. It will be used for diagnosis and research into such common neurological problems as stroke, epilepsy, Parkinson's disease and multiple sclerosis and a number of emotional disorders whose treatment rely on drugs which affect brain function.

PET uses special, short-lived radioisotopes. Isotopes are different forms on an element, with fewer or more neutrons than the atom of the element normally has in its central nucleus.

Man-made radioisotopes have been used for years in medicine as tracers. They can be detected as they pass through the body. After the isotope is administered to the patient, it emits gamma rays from the site in the body, and the rays are picked up by a gamma camera which produces a "scan" or photographic image similar to an x-ray plate.

Conventional scans today are two-dimensional, and give little information about what is happening deep inside the brain.

PET will use isotopes that emit positrons. Positrons are the anti-matter form of electrons, which orbit around the nucleus of atoms.

When a positron emitted from a radioisotope collides with an electron in a nearby atom in the brain, they annihilate each other. Created in the annihilation are two gamma rays, which travel away from the site of the annihilation in exactly opposite directions.

It is this feature which makes PET possible. By detecting the pair of rays from each collision, scientists can pinpoint exactly where the rays are coming from and produce three-dimensional pictures of where the isotope is inside the brain.

The isotope is chemically attached to the substance that the scientist wants to study. It may be attached to glucose, a type of sugar used by the brain as a fuel. Or it could be attached to a drug whose action in the brain isn't fully understood, or to other substances.

Only a few centres can have PET because the isotopes used are so short-lived that their source must be close to where patients will be treated. The radioisotopes will be produced at the TRIUMF cyclotron on UBC's south campus.

A second requirement for PET is highly-skilled organic chemists who can attach or tag the isotopes to the substances to be introduced into the brain.

The PET camera will be installed in the acute care unit of the Health Sciences Centre Hospital. It will consist of a battery of gamma ray detectors arranged like a crown around the patient's head, a computer to analyze the information picked up by the detectors and pin-point their origin, and a device for displaying the picture of what is happening in the head.

PET can show changes in blood flow in different parts of the brain. It could be a valuable research tool for investigating conditions associated with strokes and other disorders arising from an interruption in blood flow to the brain.

It can also show how the brain breaks down glucose to release energy. This is important information in the diagnosis of epilepsy.

There are about 46,000 epileptics in B.C. The number increases by about 700 people each year. Most can be successfully treated with drugs, but about 9,000 cannot be treated this way because of drug allergies or for other reasons.

Of this group, 1,000 are candidates for surgery. The remaining 8,000 cannot be considered for surgery because the location of their epilepsy cannot be pin-pointed using available methods. Many of these people are in institutions, since their condition is

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UBCalendar

UBC CALENDAR DEADLINES

Events in the week of:

June 8 to June 14 — Deadline is 5 p.m. May 29
June 15 to June 21 — Deadline is 5 p.m. June 5

Send notices to Information Services, 6328 Memorial Road (Old Administration Building), Campus. For further information call 228-3131.

MONDAY, JUNE 2

12 noon **CANCER RESEARCH SEMINAR.** Dr. Julia Levy, Department of Microbiology, on **Immunological Detection of Tumour Antigens.** Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave.

12:30 p.m. **RELIGIOUS SOCIETY OF FRIENDS (Quakers) Meeting for Worship** (UBC campus worship group). Room 1024, Scarfe Building. For more information, contact R. Crosby, 228-5735.

TUESDAY, JUNE 3

8:00 a.m. **OBSTETRICS and GYNAECOLOGY GRAND ROUNDS.** Dr. Horatio Croxatto, Santiago, Chile, on **Ovum Transport, Development and Aging.** Lecture Hall B, VGH.

1:30 p.m. **VIDEO PREVIEWS.** The Centre for Human Settlements Audio-Visual Viewing Library presents **The Metropolis** (From *The Age of Uncertainty*) followed by requests from the catalogue. Faculty are invited to preview the collection and tour the new viewing facilities. Room 313, Library Processing Building.

2:00 p.m. **BOARD OF GOVERNORS** open meeting. Persons interested in attending the open section of the Board's monthly meeting can obtain a ticket to the visitors' gallery by calling Ms. Nina Robinson, clerk to the Board, at 228-2127, at least 24 hours in advance of the meeting in the Board and Senate Room, Old Administration Building.

8:00 p.m. **WORDS WORDS WORDS,** a six-part series conducted by broadcaster and *Province* columnist Chuck Davis. Room 204, Buchanan Building. Advance registration, $30; registration at the door, $32. For registration and further information, call the Centre for Continuing Education at 228-2181, locals 237, 252.

WEDNESDAY, JUNE 4

12:30 p.m. **INSTITUTE OF ASIAN RESEARCH LECTURE.** Jan Myrdal, well-known Swedish writer, on **Asian Development.** Room 203, Anthropology and Sociology Building.

FRIDAY, JUNE 6

12:30 p.m. **INSTITUTE OF ASIAN RESEARCH LECTURE.** Prof. Takeshi Ishida, Institute of Social Sciences, University of Tokyo, on **Conflict Accommodation in Contemporary Japan.** Buchanan Penthouse.

8:00 p.m. **LECTURE/DISCUSSION,** sponsored by the Centre for Continuing Education, with June Singer, Ph.D., Jungian analyst and author of *Androgyny: Toward a New Theory of Sexuality*, on **Androgyny: The New Sexuality.** Lecture Hall 2, Woodward Instructional Resources Centre. General admission $4, students $3. For more information, call 228-2181, local 261.

SATURDAY, JUNE 7

10:00 a.m. **ANDROGYNOUS CONSCIOUSNESS WORKSHOP.** Two-day Workshop (today and tomorrow) with Dr. June Singer, Jungian analyst and author, sponsored by the Centre for Continuing Education. Conference Room, Carr Hall. $75 registration fee includes Friday evening (June 6) lecture. For more information, call 228-2181, local 218.

LEGAL ADVICE PROGRAM

The UBC Law Students Legal Advice Program operates 15 clinics throughout the Lower Mainland which offer free legal assistance to people with low incomes. For information about the clinic nearest you, call 228-5791 or 872-0271.

LOST & FOUND

Campus Lost & Found is located in Brock Hall 112A and is currently open on Tuesdays from 11:30 a.m. to 1:00 p.m. and on Thursdays from 12:30 p.m. to 2:00 p.m. Found items should be delivered to Brock 112A at the times given above. The office telephone number is 228-5751.

FINAL ORAL EXAMINATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Listed below are scheduled final examinations for the degree of Doctor of Philosophy at the University. Unless otherwise noted, all examinations are held in the Faculty of Graduate Studies Examination Room, General Services Administration Building. Members of the University community are encouraged to attend the examinations, provided they do not arrive after the examination has commenced.

Monday, June 2, 10:00 a.m.: RICHARD J. GORNALL, Botany: **Genetic limits and systematics of *Boykinia* and allies (Saxifragaceae).**

COMPUTER LANGUAGE WORKSHOPS

The Computer Science Programs division of the Centre for Continuing Education will sponsor a number of intensive, one-week workshops in May and June for individuals competent in one computer language who wish to acquire another. For information on any of the workshops listed below, call 228-2181, locals 276 or 278.

So You Want to Know COBOL — June 9-13 from 9 a.m. to 4 p.m. $130 plus $25 lab fee.

PL 1 as a Second Language — June 16-20. 9 a.m. to 4 p.m. $130 plus $20 lab fee.

SNOBOL as a Text-Oriented Language — June 23-27. $130 plus $20 lab fee.

All workshops will be held in the lecture facilities and computer terminals lab of the Computer Science Building.

1980 SUMMER SPORT PROGRAMS

An expanded program of sports activities will be offered in the summer of 1980 by the School of Physical Education and Recreation. For further information on any of the activities listed below, call 228-3688.

FENCING — for girls and boys aged 12-18. Session for 12-to-15-year-olds July 7-11; for 16-18-year-olds July 14-18. $40.

GYMNASTICS — for boys and girls aged 6 and up. June 30-July 11. $50.

ICE HOCKEY — for males aged 7 to adult. Day school July 21-Aug. 29 for ages 7-13. $75; Evening school Aug. 18-29 for ages 11-16. $45; Resident school July 5-Aug. 23 for ages 8-17. $195; Adult program July 8-Aug. 28. $65; Coaches program July 7-Aug. 27. $55.

SOCCER — for boys and girls aged 7-17. June 23-Aug. 1. $25.

VOLLEYBALL — for boys and girls 10-14. July 14-16. $35.

All the above activities will be held at the Thunderbird Winter Sports Centre, the Osborne Centre and adjacent playing fields on Thunderbird Boulevard.

CAMPUS FOOD SERVICE HOURS

During the month of June, the **Auditorium Snack Bar** will be open from 8:00 a.m. to 3:30 p.m.; the **Barn Snack Bar** and **Mobile Snack Truck** will operate from 8:30 a.m. to 3:30 p.m.; and the **SUB Snack Bar** will open from 7:00 a.m. to 7:00 p.m. The **I.R.C. Snack Bar** will be closed June 2 through June 13 for renovations and maintenance. All other units will be closed during June.

UBC will be a lively place in summer of 1980

From film festivals and folk dancing to dinosaurs and dairy barns — there's a wide range of public activities and attractions on the UBC campus this summer.

For instance, from July 2 through Aug. 15, during Summer Session, the student association has planned a series of events which are open to the general public as well as students.

These activities are all free of charge. For more details about any UBC events, call Information Services at 228-3131.

Chamber music recitals by professional musicians will be held regularly in the recital hall of the Music Building, and informal outdoor noon-hour concerts are planned daily in different locations around the campus.

A film festival series on Monday, Wednesday and Friday evenings will include the latest National Film Board releases, and current commercial feature movies. Showings are in the Woodward Instructional Resources Centre, Lecture Hall 2, at 7:30 p.m.

An evening folk dancing program is also planned.

Stage Campus '80, UBC's summer stock theatre company, plans three productions this summer. The first production will be Michel Tremblay's *St. Carmen of the Main,* running from June 12 through 21.

From July 10 through 19, *The Changeling,* a Jacobean drama written by Thomas Middleton and William Rowley, will be staged by this 15-member company, and from Aug. 7 through 16, Allen Bennett's comedy *Habeas Corpus* will be presented.

All productions will be staged in the Dorothy Somerset Studio. For tickets and reservations, call 228-2678, or go to the Theatre Department in the Frederic Wood Theatre.

From July 9 to Aug. 1, the Vancouver Early Music Festival will present six concerts featuring both international and local musicians in the Recital Hall of the Music Building at UBC. Concurrently, a Baroque Music Workshop and an Early Music and Dance Workshop are being held at UBC. For ticket information, call 732-1610.

UBC's Museum of Anthropology plans two summer programs for children aged nine to 12 years and an evening lecture series as part of The Raven Series. There is a small fee for each.

Beginning July 8, three three-day workshops called Sea and Cedar are planned to introduce traditional Northwest Coast Indian life to youngsters. Four five-day workshops called Indian Art for Children begin July 7.

The Art Game: Ceremonies of Consumption of Northwest Coast Indian Art is the name of a four-evening lecture series which begins July 15.

Pre-enrolment for each of those three programs is necessary.

The museum is open Tuesdays from 12 noon to 9 p.m., and Wednesday through Sunday from 12 noon to 7 p.m. Exhibitions featured during the summer include Chinese Children's Art: Selections from Luda Municipality, Liaoning Province, People's Republic of China; and several student exhibitions such as Contemporary Salish Weaving: Continuity and Change.

The many and varied components of UBC's Botanical Garden are open to the public all summer, with the irises in the Japanese Nitobe Memorial Garden in their peak by mid-June, and the roses in the Rose Garden and in Cecil Green Park at their showiest during June.

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

UBC's M.Y. Williams' Geology Museum features the oldest thing in B.C. — a Lambeusaurus dinosaur skeleton, as well as the largest and most comprehensive mineral collection in B.C.

General tours of the UBC campus — geared to a particular group's interests — can be arranged by calling 228-3131.

HOSPITAL
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the centre, he added, would be measured by the quality of patient care, the quality of the health professionals who would be trained in the hospital and the quality of the research, which will help physicians in hospitals around the world.

Dr. McGeer also paid tribute to Dr. McCreary, former dean of Medicine and first co-ordinator of health sciences at UBC, who died in October, 1979. The University, he said, honored Dr. McCreary for his pioneering work in the development of the health-team concept and the Health Sciences Centre at UBC a generation ago and for his work in persuading the federal government to set up the $500-million Health Resources Fund.

This fund, which was matched by provincial governments, resulted in the construction of new facilities for training health professionals in provinces across Canada. "Before his tragic passing last year," Dr. McGeer said, (Dr. McCreary) "knew the job was going to be done and that his dream would be realized at UBC."

Dr. Koerner, the final speaker at the ceremony, drew applause from the audience when he suggested that the motto of the Health Sciences Centre should be "Tomorrow's health care today."

He said the total cost of the buildings in the Health Sciences Centre complex was $150 million, adding that care had been taken to ensure there was no "waste or unnecessary duplication." Each hospital had been built under budget, he said, and the two already in operation had never operated with a deficit.

He said he humbly accepted the honor of having his name associated with the hospital "on behalf of all those who helped me loyally for so many years to finish the job."

TOMOGRAPH
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considered too difficult to manage.

It is hoped that many of the 8,000 will be helped by PET.

PET can also be used in a host of other neurological as well as emotional disorders. Almost all psychiatric drugs affect the way brain cells communicate with each other. Some drugs speed up communication. Others decrease it. PET will be able to determine where different drugs are having their affects.

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