

UBC REPORTS

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Sisters Rhea, left, and Gene Joseph . . . degree recipients.

Joseph family returns to cheer Gene, Rhea

When Gene Joseph received her Bachelor of Arts degree in history from UBC in 1978, her family came down from their village of Hagwilget in north central B.C. to attend the Congregation ceremony.

And they are here at UBC again this week. This time to watch Gene become the first native Indian to receive a Master of Library Science degree from UBC.

Gene isn't the only member of the Joseph family receiving a UBC degree on Wednesday, the first day of UBC's annual three-day degree ceremony. Her sister, Rhea, will have a Bachelor of Home Economics degree conferred on her the same day.

Gene and Rhea will have a large cheering section on hand when they cross the stage. In addition to parents Walter and Louise, including the ceremony are sisters Shirley, Bertha, Linda, Eileen and Cindy, brothers Walter, Gary, Patrick and Richard, brothers-in-law Norman and Bill and sister-in-law Virginia.

Gene, who with her family belongs to the Carrier band of Indians, is one of only three native Indian librarians in Canada. Her interest in librarianship was sparked while she was working at Vancouver Studies Bibliography Centre at Vancouver Community College during the summers of

her undergraduate years at UBC, and in the Undergrad of B.C. Indian Chiefs' resource centre for two years after her 1978 graduation.

"I was originally planning to do historical research when I completed my degree, but I enjoyed the type of work I was doing with library collections so much I decided to pursue librarianship," says Gene. "What I'd like to do now is to work as a freelance librarian for Indian organizations in B.C. A lot of native organizations have collections that need to be developed, but few can afford a full-time librarian."

Rhea, who graduated from St. Paul's Hospital as a registered nurse in 1972, worked in Prince George until she came to UBC four years ago. She is now specializing in the field of dietetics and is leaving in October to take up a one-year dietetics internship in Winnipeg.

And it may not be long before the Joseph family returns to UBC's War Memorial Gymnasium for yet another graduation ceremony. Sister Bertha is taking time out to raise a family, but has only a few credits to earn before she completes her Bachelor of Arts degree in anthropology.

More than 3,500 get degrees during Spring Congregation

The University of British Columbia's annual Spring Congregation takes place today, tomorrow and Friday, with more than 3,500 graduating 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 610 students. There are 414 graduating with Bachelor of Commerce degrees, 370 with Bachelor of Education degrees and 227 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 19, 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 graduate 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 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.

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 in arts, fine arts, home economics, music, social work and commerce, and licentiates in accounting.

In addition, honorary degrees will be conferred upon S. Robert Blair, president and chief executive officer of NOVA, the Alberta corporation awarded the right to construct the Canadian section of the Alaska Highway gas pipeline project, and R. Gordon Robertson, president of the Institute for Research on Public Policy and a former leading civil servant in the federal government.

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.

Honorary degrees will be conferred Thursday upon Professor Emeritus of Botany Vladimir Krajina, a pioneer forest ecologist who was instrumental in the establishment of ecological reserves in B.C., and upon Ray G. Williston, chairman and president of B.C. Cellulose and a former member of the B.C. Legislature from 1953 to 1972.

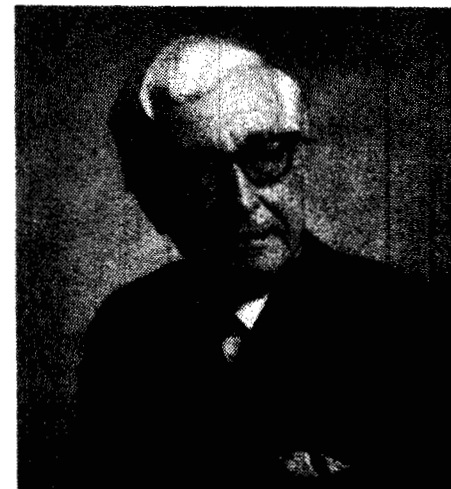
On Friday, May 28, final day of Congregation, Doctor of Philosophy

degrees will be conferred. Students will also receive master's degrees in applied science, engineering, architecture, nursing, forestry and law. Bachelor's degrees will be conferred in science (agriculture), applied science, architecture, nursing, science in forestry, science (pharmacy), and landscape architecture. Doctor of Medicine, Bachelor of Science in

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See CONGREGATION



Vladimir Krajina



George Curtis



Ray Williston

Congregation continued from page 1

Rehabilitation Medicine, Doctor of Dental Medicine, Bachelor of Medical Laboratory Science and Bachelor of Laws degrees will also be conferred on Friday.

An honorary Doctor of Laws degree will be conferred Friday upon Dean Emeritus of Law George F. Curtis, the first dean of law when the UBC law faculty was organized in 1945. He is known internationally for his work on the law of the sea.

The gift of the 1982 graduating class will be divided among organizations based at the University to assist them in the continuation of their activities. The organizations chosen by the graduating class are the President's Committee for Concerns of the Handicapped, to purchase a motorized wheelchair for emergency use; the UBC forestry class of 1983, for the construction of a foot bridge at the UBC Demonstration Forest at Maple Ridge; and the Law Student's Legal Advice Program.

Here are the heads of the graduating classes this year:

Association of Professional Engineers Proficiency Award — (Engineering)

— Randy Brent Osborne, Port Coquitlam.

Helen L. Balfour Prize — (Nursing)
— Kathleen Marie Houston, Penticton.

Dr. Maxwell A. Cameron Memorial Medal and Prize (Elementary) — (Education)

— Donna Lynn Miller, Summerland.

Dr. Maxwell A. Cameron Memorial Medal and Prize (Secondary) — (Education)

— Peter S. Luitjens, Vancouver.

Ruth Cameron Medal for Librarianship — (Librarianship)

— Karen Viola Marotz, Burnaby.

College of Dental Surgeons of British Columbia Gold Medal — (Dentistry)

— Linda Marion Taylor, Vancouver.

College of Dental Surgeons of British Columbia Gold Medal in Dental Hygiene — (Dental Hygiene)

— Sharon Toni Foster, Coquitlam.

Governor-General's Gold Medal —

— Bruce A. Lowden, (B.Sc.; Computer Science) Cranbrook.

Hamber Medal — (Medicine)

— Catherine Ann Harvey, Vancouver.

Horner Prize and Medal for Pharmaceutical Sciences — (Pharmaceutical Sciences)

— Karmen Ka Men Chan, Vancouver.

Kiwanis Club Medal — (Commerce and Business Administration)

— Sarah Alyson Morgan, Victoria.

Law Society Gold Medal and Prize — (Law)

— Hywel Rhys Davies, Vancouver.

H.R. MacMillan Prize in Forestry — (Forestry)

— Robert Brownlow Kennett, Lavington.

Dean of Medicine's Prize (School of Rehabilitation Medicine) — (Rehabilitation Medicine)

— Susan Patricia Oliver, Vancouver.

Physical Education and Recreation Faculty Prize in Physical Education — (Physical Education)

— Catherine Elizabeth Jordan, Vancouver.

Recreation Society of British Columbia Prize — (Recreation)

— Linda June Watkinson, Burnaby.

Royal Architectural Institute of Canada Medal — (Architecture)

— Edward H. Murray, Chase.

Wilfrid Sadler Memorial Gold Medal — (Agricultural Sciences)

— Judy Mary Luniw, Armstrong.

Special University Prize — (Fine Arts)

— Ingrid Charlotte Koenig, Vancouver.

Special University Prize — (Home Economics)

— Erica Kaur Dhillon, Brentwood Bay.

Special University Prize — (Licentiate in Accounting)

— Sheila Anne Parton, North Vancouver.

Special University Prize — (Music)

— Neil Alan Currie, Vancouver.

University Medal for Arts and Science

— Ian Ralph Weir, (B.A.; English), Kamloops.



S. Robert Blair



R. Gordon Robertson

A visiting professorship to be known as the Walter S. Owen Chair of Law is being established at UBC.

The chair is being endowed by family and friends of the former lieutenant-governor of B.C., who died in 1981.

Dean Kenneth Lysyk said distinguished lawyers will be appointed as Owen professors for periods of up to three years and will work in selected areas, writing and teaching.

"It is hoped that in this way the training of lawyers will be enriched, legal writing in Canada developed, and the name of Walter Owen appropriately and permanently remembered," Dean Lysyk said.

He hoped a first appointment could be made in the fall of 1983.

Walter Owen, QC, had a long-standing interest in legal education, which began prior to the establishment of a Faculty of Law at UBC following the Second World War.

His services to the University and to the legal profession were recognized by UBC when it conferred upon him the honorary degree of Doctor of Laws.

'Author' of social security dies at 75

Professor Emeritus Leonard Marsh, a 25-year member of the UBC faculty who has been described as the author of "the most important single document in the history of the development of the welfare state in Canada," died on May 10 at the age of 75.

Funeral services for Prof. Marsh, who retired in 1972 after a teaching and research career in UBC's School of Social Work and Faculty of Education, were held on May 18 at the Unitarian Church at 49th and Oak in Vancouver.

It was in 1943, four years before he joined the UBC faculty, that Prof. Marsh, then research advisor to the federal government's Committee on Reconstruction, submitted his *Report on Social Security for Canada*.

The "Marsh Report" became a pivotal document in the development of Canadian social security programs and is considered this country's equivalent of the 1942 British report on social security written by Sir William Beveridge, with whom Prof. Marsh was associated as a research assistant in England.

One unique aspect of the Marsh Report was its advocacy of children's allowances, which were initiated by the federal government in 1944 as the Family Allowance scheme.

Born in England, Prof. Marsh graduated from the London School of Economics in 1928 with the Gonner Prize "for conspicuous merit in economics, theoretical and applied."

He joined the faculty of McGill University in 1930 as director of social research. He was awarded the degrees of Master of Arts and Doctor of Philosophy by McGill in 1934 and 1940, respectively.

For 10 years as a faculty member at McGill, Prof. Marsh directed a pioneering program of social research on such topics as the economic causes of depression and unemployment, the occupational and industrial structure of Canada, vocational and educational problems and social legislation.

Following his work as research advisor to the federal Committee on Reconstruction, Prof. Marsh joined the staff of the first UN agency, the United Nations Relief and Rehabilitation Administration, first as a welfare officer and later as chief editorial officer for the European region.

Prof. Marsh joined the UBC faculty in 1947, first as a member of the School of Social Work and, from 1965 until 1972, as a professor in the Faculty of Education.

One of the continuing themes of Prof. Marsh's research and writing career was his advocacy of adequate housing for Canadians in all socioeconomic groups.

He was also closely associated with the development of community colleges in B.C. He wrote a report which led to the establishment of Malaspina College in Nanaimo and also undertook an extensive review of the Lower Mainland community college system in 1975.

Quite apart from his academic work, Prof. Marsh was an accomplished amateur musician who taught himself to play the

A clarification . . .

The edition of *UBC Reports* which appeared on April 14 contained a news report stating that the UBC Graduate Student Association (GSA) held its annual general meeting on March 31 and approved a new constitution and by-laws for the Thea Koerner Graduate Student Centre.

Robert Cameron, the president of the GSA, has written to the editor of *UBC Reports* to point out that the March 31 meeting was the annual meeting of the Thea Koerner Graduate Student Centre and it was the members of that organization, not all of whom are members of the GSA, who approved the changes in the constitution and by-laws.

violin, viola and cello. He was the author in 1972 of a volume entitled *At Home With Music* and was founding member of the Friends of Chamber Music of Vancouver.

Prof. Marsh was predeceased by his wife, Betty, well known as a broadcaster and producer for the Canadian Broadcasting Corporation in Vancouver. He is survived by a nephew, John J. Marsh of Windsor, Ont., and a niece, Betty Scott, of Vancouver.

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).

Open

• Secretary of State — Research: Canadian Studies Program.

June 30

• SSHRC: Research Communications Division — Aid to Occasional Scholarly Conferences Held in Canada.

July 1

- Banting Research Foundation — Research Grant.
- Brewer's Association of Canada — Research Grant.
- March of Dimes Birth Defects Foundation (U.S.) — Clinical Research: Human Birth Defects.
- Merck Company Foundation — Fellowships in Clinical Pharmacology.
- MRC: Special Programs — Symposia and Workshops.
- SSHRC: International Relations Division — International Congresses Held in Canada.
- SSHRC: International Relations Division — Travel to Int'l Scholarly Conferences.
- SSHRC: Research Grants Division — Major Research Grants.
- U.S. Dept. of Health, Education and Welfare — NIH Grants to Foreign Institutions.
- Von Humboldt Foundation (W. Germany) — Research Fellowship.

July 15

- Canada Council: Writing and Publication — Translation Grant.
- Deafness Research Foundation — Research Grant.
- Health and Welfare Family Planning — Family Planning Research.

July 30

- Canada Mortgage and Housing Corporation — Research Grants Type A (to \$2,500).

July 31

- Association of Commonwealth Universities — Medical Fellowships.
- Health and Welfare Canada: NHRDP Awards — National Health Research Scholars.
- Health and Welfare Canada: NHRDP Awards — National Health Scientists.
- Health and Welfare Canada: NHRDP Awards — Visiting National Health Scientists Award.
- Health and Welfare Canada: NHRDP Projects — NHRDP Demonstration Projects.
- Health and Welfare Canada: NHRDP Projects — NHRDP Preliminary Development Projects.
- Health and Welfare Canada: NHRDP Projects — NHRDP Research (Priority Themes).
- Health and Welfare Canada: NHRDP Projects — NHRDP Research Grant.
- Health and Welfare Canada: NHRDP Projects — NHRDP Studies.
- Rhodes University — Hugh Kelly Fellowship.

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.

NEW AWARDS

Asian Centre Scholarship — This scholarship will be awarded, on the recommendation of the head of the Department of Asian Studies, to a student whose academic record and achievement show promise of a successful career in the Asian field. (This award will not be offered prior to the 1983/84 winter session.)

Biely Memorial Scholarship — In recognition of his contributions to the academic and scientific communities, the family and friends of Dr. Jacob Biely has established a scholarship in the amount of \$150 to be awarded annually to a student in poultry science at UBC. The award will be made on the recommendation of the Department of Poultry Science. (Available in the 1983/84 winter session.)

British Columbia Society of Periodontists Prize — An annual prize will be offered to an outstanding dental student in third-year periodontics. The prize consists of a one-year subscription to the Journal of Clinical Periodontology plus a student award certificate. The award will be made on the recommendation of the Faculty of Dentistry. (Available in the 1981/82 winter session.)

Chemical Engineering Bursary — This fund, established by graduates, students and friends of the Department of Chemical Engineering, provides aid to needy undergraduates enrolled in the department. (Available in the 1983/84 winter session.)

Eikos Group Prize — This prize of \$250, made available by the landscape architecture-planning firm of Eikos Group Inc., is awarded to the third- or fourth-year landscape architecture student demonstrating excellence in urban design. (Available in the 1981/82 winter session.)

Colin C. Gourlay Scholarship — This annual scholarship in the amount of \$250 is made possible by gifts from friends and alumni in recognition of Prof. Gourlay's 34 years of dedication to students in the Faculty of Commerce and Business Administration. The scholarship will be awarded on the recommendation of the faculty to the student with the highest standing in third-year commerce who is proceeding to fourth-year commerce. (Available in the 1982/83 winter session.)

Health Administrators' Association of B.C. Prize — A prize in the amount of \$100 has been made available by the Health Administrators' Association of B.C. The award will be made to a graduating student in the program in Health Services Planning, who, in the opinion of the faculty, has demonstrated scholarship and leadership while completing the requirements of the course. (Available in the 1981/82 winter session.)

Clive Justice Book Prize — A \$50 book prize, made available by Mr. Clive Justice of the firm Justice, Webb and Vincent, will be awarded annually to the landscape architecture student demonstrating excellence in the written communication of landscape architecture and the profession. (Available in the 1981/82 winter session.)

Lombard North Group Scholarship — A scholarship of \$500 per year is presented to the second-year landscape architecture student who, in the opinion of the faculty, best applies the skills of landscape architecture to regional resource planning endeavours. (Available in the 1982/83 winter session.)

Susan Matties Nadel Memorial Prize — A prize in the amount of \$75 will be awarded annually to the graduating medical student who has shown the greatest interest and excellence in hematological neoplasia. The award will be made on the recommendation of the faculty. (Available in the 1981/82 winter session.)

Professor of Pathology — Bachelor of Medical Laboratory Science Prize — A prize in the amount of \$250 will be awarded to the student in the graduating class of the Bachelor of Medical Laboratory Science degree showing greatest overall academic excellence. The award will be made on the recommendation of the faculty. (Available in the 1981/82 winter session.)

Forestry change prompts debate

The long-standing question of how a university ensures that its students acquire a liberal education hovered over the May meeting of UBC's Senate during a debate which resulted in approval of a new four-year undergraduate program in the Faculty of Forestry.

Approval of the new program, which will take effect in September, 1983, means that B.C. secondary school graduates with the necessary Grade 11 and 12 science courses will be admitted to the forestry faculty without first completing a preparatory year in the Faculty of Science.

Although the new forestry program was approved by a substantial majority at Senate and had the imprimatur of that body's curriculum committee, there had obviously been much behind-the-scenes discussion concerning the academic

breadth of the program.

Dr. James Richards, chairman of Senate's curriculum committee, said that one of the issues raised in considering the program "focused on whether the program required or allowed sufficient breadth of experience in intellectual pursuits."

The issue of breadth in undergraduate degree programs will be brought even more sharply into focus when Senate next meets in September as the result of notice of motion given at the May meeting by psychology department head Dr. Peter Suedfeld, who is also a member of Senate's curriculum committee.

Dr. Suedfeld's motion asks that the policy sub-committee of the curriculum committee "draw up recommendations as to minimum breadth requirements in the pre-baccalaureate

programs of the University" for discussion at Senate.

The same motion asks Senate's curriculum committee to "suspend approval of new programs or major program changes pending the acceptance of recommendations as to minimal breadth requirements by Senate."

Speaking at the May meeting, Prof. Suedfeld said that raising the issue of breadth requirements in connection with the proposed forestry program was only "chronological coincidence."

He said that a number of major changes in UBC degree programs had occurred over a period of time in a piecemeal fashion, "so that Senate, which is charged with looking over the entire University offerings, doesn't really do the integration, synthesis and comparison that it might."

While emphasizing that faculties and departments should be left alone to run their own programs, Prof. Suedfeld added: "There is a proper role for Senate, and that is to set general guidelines for UBC academic programs and one of the areas that should be clear is breadth."

Prof. Suedfeld then moved that the proposed four-year forestry program be tabled until his motion had been disposed of at the September meeting. The tabling motion was defeated by a substantial majority.

Later in the debate, Prof. Suedfeld said the concept of breadth or freedom of choice in university education meant that provision should be made for students to take courses "not directly related to their professional preparation, regardless of how complex that profession may be."

An even finer point was put on the breadth question by Dr. Neil Sutherland, another member of the Senate curriculum committee, who said it should be possible to take six or nine units in such areas as music, fine arts, history or English as part of a professional degree program.

At the conclusion of the debate, Senate's chairman, President Douglas Kenny, remarked that Dr. Suedfeld's motion "goes beyond the issue of Forestry and strikes at every faculty. If it (the motion) were passed and a vehicle was found for implementing changes, then Senate would be saying to faculties that there should be breadth requirements."

None of this convinced Senate that there was any need to delay approval of the new four-year forestry program, which leads to degrees in the areas of forest resource management, forest harvesting, forest science or wood science and industry.

Apart from general entrance requirements for UBC, which include French or a foreign language, students from Grade 12 wishing to enter the new program must have passed Algebra 12 and at least two Grade 11 and two Grade 12 courses in biology or physics.

The question of breadth was not the only issue raised during the debate on the program.

Science dean Prof. Cyril Finnegan characterized the proposed forestry program as "technical training and not an education." He said his faculty had data which showed that secondary school science was not adequate in preparing students for first-year scientific studies at the University.

He said he thought Forestry and the Faculty of Applied Science, which is also developing a four-year program in engineering, might have gone in the other direction and used first-year Arts and Science as a screening process to reduce failures.

Dean Daniel Birch, head of the Faculty of Education, said Senate should be aware that when the University specifies entrance requirements in great detail it is also limiting the breadth of the secondary school program.

"In Grades 11 and 12," he said, "students are moving out of arts programs because certain professional programs are prescribing the number of science-oriented courses required and leaving very little room for experimentation."



The Special Collections Division, located on the top floor, south wing, of the Main Library, is featuring an exhibit of original letters, manuscripts and memorabilia of Italian hero Giuseppe Garibaldi. The exhibit continues until the end of July.

Display honors Garibaldi

A unique collection of original letters, manuscripts and memorabilia of Giuseppe Garibaldi, the Italian liberator and hero, is on display in the Special Collections Division of the Main Library. Garibaldi was not only an Italian patriot, he was also, according to his biographer D.M. Smith, a religious freethinker, a champion of female emancipation, of the equality of man, and of the rights of Labor.

He approved of cremation, vegetarianism, racial equality, and the abolition of capital punishment. It is these beliefs of Garibaldi which help explain how the Garibaldi relics came to be in the UBC Library.

In 1864 a young Englishman named Hugh Reginald Haweis joined a Garibaldi excursion to Naples and Sicily. The "excursionists" were provisioned, outfitted with appropriate costumes and means of self-defence. Haweis was therefore present at the siege of Capua, where he recorded a speech of Garibaldi's and watched from a lamp-post the triumphal entry of Garibaldi and Victor Emmanuel into Naples.

Haweis was later to become an immensely popular non-conformist preacher in central London. In 1864, when Garibaldi was one of the most widely-known figures in the world, he visited London and set off demonstrations of hysterical joy among the English working classes and also among the liberal, free-thinking members of English society.

The hero, whose bath water was being hawked on the streets of London, was feted

by all, and the Reverend Haweis and his wife, an early advocate of women's rights, were among the celebrants. Their social and political views were similar to his, and in 1870 Haweis, who was the editor of *Cassell's Magazine*, persuaded Garibaldi to write his memoirs for the journal.

When Garibaldi died on June 2, 1882, all London mourned his death and Haweis arranged for an exhibition of Garibaldi and Mazzini relics in the vestry of St. James's, Marylebone. This proved to be so well attended that it was later moved to the Alexandra Palace. It is some of these relics (including letters, manuscripts and even a few of Garibaldi's hairs) which are on exhibit at UBC.

How did they come to the University of British Columbia?

Reverend Haweis' son, Lionel, joined the staff of the UBC Library in 1918. A very literate man, much appreciated by students, he treasured his family papers and looked after them lovingly. After his death his daughter, Mrs. Renee Chipman, gave the Garibaldi, Mazzini and Haweis relics to the University Library. It seems appropriate that the man for whom Garibaldi Mountain in B.C. was named in 1860 by Captain Richards of the Royal Navy, should be remembered on the Centenary of his death by the University of British Columbia.

Laurenda Daniells,
University Archivist

UBC CALENDAR

Special Calendar Deadlines

There will be only one issue of *UBC Reports* published in the month of June (June 9) so the *Calendar* section of that issue will cover events from June 13 through July 7. The deadline for events for the June 9 issue will be 4 p.m. on June 3.

TUESDAY, JUNE 1

Chemistry Seminar.

Toward Highly Enantioselective Reduction. Prof. R. Noyori, Chemistry, Nagoya University, Nagoya, Japan. Room 124, Chemistry Building, 2:30 p.m.

WEDNESDAY, JUNE 2

Cornell Alumni Gathering.

A social gathering for alumni of Cornell University will take place at UBC on June 2. Spouses, family and friends welcome. For information, call 228-5611. Salons B & C. Faculty Club. 8 p.m.

THURSDAY, JUNE 3

Educators for Nuclear Disarmament.

Reagan, Brezhnev and the Arms Reduction Talks: What does it all mean? Dr. Michael Wallace, Political Science, UBC, Room 226, Angus Building. 12 to 1 p.m.

FRIDAY, JUNE 4

Faculty Club Barbeque.

The first of seven summer cook-your-own steak barbeques will take place on the sundeck outside the main dining room. Members only. For information, please call 228-2708. Faculty Club. 6 p.m.

WEDNESDAY, JUNE 9

Stage Campus '82.

Opening night of *The Sea* by Edward Bond. Continues until Saturday, June 26. Tickets are \$4, with two-for-one special on Tuesdays. For ticket information, call 228-2678 or drop by Room 207 of the Frederic Wood Theatre. Frederic Wood Theatre. 8 p.m.

Immunology Seminar.

Germline Restriction in IgM Expression. Dr. Fred Karush, Microbiology, University of Pennsylvania, Philadelphia. Music Room. Faculty Club. 8 p.m.

Language Study

Do you speak Hindi? If you have a baby 10 to 12 months old, and Hindi or other Indian languages are spoken in your home, then you and your baby could help us with our speech and language study at UBC. For more information, call Dr. Maggie Edwards at 228-2874 or 271-4920.

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.

Student Health Service

The summer hours for the Student Health Service, effective May 3, 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.

Summer at UBC offers something for everybody

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

For instance, Stage Campus '82, UBC's summer stock theatre company, will be presenting two plays this summer. The first production will be Edward Bond's *The Sea*, running from June 9 through 26. *Ten Lost Years* by Barry Broadfoot, with music by Cedric Smith, will be staged from June 30 to July 17. For ticket reservations, call 228-2678 or drop by Room 207 of the Frederic Wood Theatre.

If you're feeling energetic, the UBC Aquatic Centre is open for public swimming throughout the summer, or you can enjoy a stroll through one of the many components of UBC's Botanical Garden. Highlights include the Asian Garden, which houses the University's principal rhododendron collection, the Physick Garden, where you can see plants used for medicinal or pharmaceutical purposes, the Alpine and B.C. Native gardens, the Rose Garden (at its best in June), or you can escape for a few tranquil moments in the Japanese Nitobe Memorial Garden.

UBC's School of Physical Education and Recreation offers a wide range of sports programs for children and adults until September. You can sign up 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, tours, field trips and events, plus a special program for senior citizens. For information, call 228-2181.

For music lovers, UBC's Department of Music, in association with the Summer Session Association and the Vancouver Musicians Union (Local 145), is sponsoring free concerts every Tuesday and Thursday from July 6 to Aug. 5. The concerts take place in the Recital Hall of the Music Building at 8 p.m. Call 228-3113 for information.

The Museum of Anthropology offers a program for children in July on Learning about Elements of Northwest Coast Indian Art through Sketching. The museum is currently featuring the exhibits *The Legacy: Continuing Traditions of Canadian Northwest Coast Indian Art* and *Spirit in the Rock*, and there will be public presentations throughout the summer by native youth workers on traditional aspects of Northwest Coast Indian life. For information on museum activities, call 228-5087.

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.

Tours are also available of TRIUMF, the cyclotron facility for nuclear physics research, located at UBC. Tours must be booked two weeks in advance (sorry, no one under 14 admitted). Call 228-4711 for information.

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 Japanese Nitobe Garden.

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.).

Notices . . .

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.

Support for grad students tops \$10 million

UBC graduate students received more than \$10 million in scholarships, fellowships, assistantships and awards in 1981-82, according to a report prepared by Dr. R. Allan Freeze, associate dean of the Faculty of Graduate Studies.

Here is a summary of graduate student support.

SOURCE	STIPEND	NUMBER	TOTAL
UNIVERSITY GRADUATE FELLOWSHIPS (UGF)	\$7,200 — 8,000	163	\$ 1,216,300
FELLOWSHIPS awarded in conjunction with UGF competition (Killam, Klinck, MacMillan, MacKenzie, Wesbrook, Meilicke, Wagner, Japan Foundation, Borden)	7,200 — 8,000	69	462,590
SUMMER UGF AWARDS	1,000 — 2,200	101	150,000
NATURAL SCIENCES & ENGINEERING RESEARCH COUNCIL (NSERC) POSTGRADUATE SCHOLARSHIPS	9,350	166	1,552,100
SOCIAL SCIENCES & HUMANITIES RESEARCH COUNCIL (SSHRCC) SCHOLARSHIPS	8,760	50	433,620
COMMONWEALTH SCHOLARSHIPS	Full travel, living and study support	14	140,000
CANADIAN MORTGAGE & HOUSING CORPORATION (CMHC) SCHOLARSHIPS	7,500	13	97,500
B.C. SCIENCE COUNCIL (GREAT) AWARDS	8,500	26	221,000
MISCELLANEOUS MAJOR DIRECT AWARDS (Gulf, Texaco, Noranda, B.C. Electronics, Alberta Heritage Fund, etc.)	6,500 — 15,000	10	96,000
UNIVERSITY AWARDS	100 — 9,000	84	215,575
TEACHING ASSISTANTSHIPS*	1,000 — 5,880	940	3,854,000
RESEARCH ASSISTANTSHIPS	1,000 — 10,000	374	1,764,600
GRAND TOTAL		2,010	\$10,203,285

* includes a small proportion of undergraduate teaching assistantships.

- Notes: (1) The grand total does not include scholarships (including Medical Research Council Studentships) that are administered through the associate dean (Research) in the Faculty of Medicine.
- (2) The grand total does not include need-based support in the form of loans and bursaries administered through the Office of Awards and Financial Aid. Support for graduate students from this source is in the order of \$500,000.
- (3) The figures in the table are estimates based on records available to the Faculty of Graduate Studies. The total represents a lower limit, in that there are undoubtedly additional awards that are handled directly between student and granting agency (as for example, with foreign government support).

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