SPECIAL COLLECTIONS

UBC to award its 100,000th degree in '79

Graduation always signifies an end and a beginning for people — an end of years, in many cases, of long hours and hard study; a beginning of new careers, new goals.

For the man who will preside over the Congregation ceremonies for the three days, it's a beginning as well. For UBC Chancellor J.V. Clyne this will be the first time he has presided over the ceremonies and conferred the honorary and academic degrees approved by the Senate, UBC's supreme academic body. Mr. Clyne was installed as UBC's 11th chancellor at the final day of last year's Congregation ceremonies.

More than 3,500 students will receive academic degrees at UBC's 1979 Congregation today (Wednesday), Thursday and Friday. Among them will be the recipient of the 100,000th degree awarded by UBC since the University awarded its first degree in 1916.

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 graduates and spectators follows the ceremonies in the cafeteria of the Student Union Building.

Wednesday, May 30

Students from UBC's largest faculty, the Faculty of Arts, will be granted doctor's degrees in musical arts; master's degrees in arts, fine arts, music, social work and library science; bachelor's degrees in arts, fine arts, home economics, music and social work. Master of Science and master's degrees in business administration, bachelor's degrees in commerce and Licentiate in Accounting degrees will also be conferred.

The honorary degree of Doctor of Science will be conferred on Prof. Albert Bandura, a psychologist now teaching at Stanford University in California who is noted for his teaching and research in the field of learning and personality research. Prof. Bandura graduated from UBC in 1949 with the degree of Bachelor of Arts.

Dr. Louis Rasminsky receives the honorary degree of Doctor of Laws. Dr. Rasminsky, former governor of the Bank of Canada, is internationally known for his work with the former League of Nations throughout the 1930s, and his work after World War II with the International Monetary Fund and the International Bank for Reconstruction and Development.

Thursday, May 31

On this day students will receive the degrees of Doctor of Education, Master of Education and Bachelor of Education, Master of Science, Bachelor of Science, Master of Physical Education, Bachelor of Physical Education and Bachelor of Recreation Education.

The honorary degree of Doctor of Laws will be conferred on former UBC chancellor Donovan Miller and University benefactor Ida Green. Mrs. Green, in partnership with her husband, Dr. Cecil Green, has provided generous gifts to many universities in North America and overseas for fellowship programs and for the construction of libraries, arts centres and science buildings. Their gifts to UBC have been used for the purchase and renovation of Cecil Green Park, which serves as a campus centre of alumni activities, and for the establishment of the Cecil H. and Ida Green Visiting professorships, which have enabled UBC to bring outstanding teachers and researchers to the campus for varying periods of time.

Mr. Miller, a 1947 commerce graduate from UBC, has been associated with UBC for more than 20 years. He is a former president of the UBC Alumni Association and has served on both the Board of Governors and Senate.

Friday, June 1

On the final day of ceremonies the Doctor of Philosophy degrees will be conferred and students from UBC's professional faculties and schools will receive masters and bachelor's degrees in applied science, engineering, architecture, nursing, forestry, law, agriculture, pharmacy, medicine, rehabilitation medicine, and dentistry.

Dr. Cecil E. Yarwood will be awarded the honorary degree of Doctor of Science. Dr. Yarwood received his

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UBC reports

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JUN 14 1979

Co-op education approved

UBC's Senate has given the stamp of approval to the permanent establishment of optional co-operative education programs for engineering students in the Faculty of Applied Science and for students in the Faculty of Forestry.

Co-operative education is the integration of academic study during the winter session with related and supervised work experience during the summer.

The UBC program, which will become effective in the 1980-81 academic year provided it is approved by the UBC Board of Governors and the Universities Council of B.C., is an outgrowth of a pilot project that began in 1977-78 by the then Dean of Women in consultation with the Faculties of Applied Science and Forestry.

The UBC pilot project was innovative because it focussed on first-year women students enrolled in the Faculty of Science who were qualified to enter engineering or forestry, where enrolment of women has traditionally been low.

Of the 14 women students who participated in the pilot project, seven entered Applied Science and four enrolled in Forestry.

The co-operative education program is in the process of being extended to the second- and third-year levels and is also being broadened to include men.

Also approved by Senate at its May 23 meeting was a proposal to offer a Doctor of Philosophy program in South Asian Studies, paralleling those already offered in Chinese and Japanese.

In its submission to Senate, the Faculty of Graduate Studies said the new program would offer the Ph.D. in the fields of pre-modern Indian history and in Sanskrit and Hindi prose and poetry.

The submission said that "both the geographic placement and ethnic composition of Vancouver make UBC the logical centre for Asian studies in Canada. In the field of South Asia, the need is particularly acute: UBC is not merely the major, but in fact the sole institution in Canada offering advanced degrees in South Asian studies."

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UBC's Senate and Board of Governors have agreed on the terms of reference and membership of a presidential advisory committee for the recommendation and selection of candidates for registrar of UBC.

The current registrar, J.E.A. "Jack Parnall, will retire at the end of 1979.

Under the Universities Act, the registrar is charged with keeping records and performing "such other

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Jim Banham photo

UBC's annual Congregation ceremony, held in the War Memorial Gymnasium in the background, involves the talents and experience of dozens of people. *UBC Reports* assembled eight key figures who are prominent in behind-the-scenes arrangements. Front row, left to right, are: Rosina Kent of the Registrar's Office, who keeps track of the more than 4,000 persons who receive degrees each year and prepares lists of candidates for approval by UBC's Senate; Maud Race of the UBC Bookstore, who retires this year after supervising the renting of academic gowns to graduating students for the past 26 years; and Joan King of the Ceremonies Office, which is in charge of overall arrangements for the ceremony. Back row, left to right, are: Jack Parnall, UBC's registrar, who retires at the end of this year after participating in 22 congregations; Ken Black of Gehrke Printing in Vancouver, who for 33 years has hastily prepared the printed programs listing graduates for the UBC ceremony; Ben Moyls, director of UBC's Ceremonies Office; Bob Black of UBC's Department of Physical Plant, who supervises the physical arrangements for Congregation in the gym; and Nestor Korchinsky, who is this year serving for the first time as senior marshal for the procession of students who will receive their degrees on May 30 and 31 and June 1.

Two get degrees in east

Prof. David Suzuki, the noted geneticist, broadcaster and member of the UBC zoology department, received an honorary degree from a Nova Scotia university on May 7 and will be awarded a second honorary degree by an Ontario university on June 3.

Prof. Suzuki was at Acadia University in Wolfville, Nova Scotia, early in May to receive a Doctor of Science degree and to speak during the graduation ceremony. On June 3 he'll get a second D.Sc. from the University of Windsor in Ontario and will address the afternoon session of the convocation.

A UBC faculty member since 1963, Prof. Suzuki is a former recipient of the E.W.R. Steacie Memorial Fellowship of the National Research

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Albert Bandura

Louis Rasminsky

Donovan Miller

Ida Green

CEREMONY

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Bachelor of Science in Agriculture degree from UBC in 1929. After completing graduate work at Purdue University and the University of Wisconsin, he joined the faculty of the University of California at Berkeley, where he taught and carried out research in plant pathology. He is widely known for his work in the field of plant viruses.

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

The Association of Professional Engineers Profiency Award (Head of the Graduating Class in Engineering, B.A.Sc. degree): Jeffrey F. Young.

The Helen L. Balfour Prize, $450 (Head of the Graduating Class in Nursing, B.S.N. degree): Karen Ann Matheson.

Dr. Maxwell A. Cameron Memorial Medals and Prizes (Head of the Graduating Class in Education, Secondary Teaching Field, B.Ed. degree): Sheila Philomene Maria Tien, North Vancouver, B.C.

Dr. Maxwell A. Cameron Memorial Medals and Prizes (Head of the Graduating Class in Education, Elementary Teaching Field, B.Ed. degree): Betty Jean Leask.

The Ruth Cameron Medal for Librarianship (Head of the Graduating Class in Librarianship, M.L.S. degree): Griffith William Brian Owen.

The Canadian Institute of Forestry Medal (best overall record in Forestry in all years of course, and high quality of character, leadership, etc.): Robin John Dorey, Salmo, B.C.

The College of Dental Surgeons of British Columbia Gold Medal (Head of the Graduating Class in Dentistry, D.M.D. degree): Kenji Kenneth Shimizu, Burnaby, B.C.

The College of Dental Surgeons of British Columbia Gold Medal in Dental Hygiene (leading student in the Dental Hygiene program): Elizabeth Gail Alexander.

The Dean of Medicine's Prize (School of Rehabilitation Medicine) (Head of the Graduating Class in Rehabilitation Medicine, B.S.R. degree): Debbie Louise Hurschman.

The Governor-General's Gold Medal (Head of the Graduating Classes in the Faculties of Arts and Science, B.A. and B.Sc. degrees): John H. Klippenstein, Burnaby, B.C.

The Hamber Prize and Medal, $250 (Head of the Graduating Class in Medicine, M.D. degree, best cumulative record in all years of course): Neil W. Kowall.

The Horner Prize and Medal for Pharmaceutical Sciences, $100 (Head of the Graduating Class in Pharmaceutical Sciences, B.Sc.Pharm. degree): Barry Thomas Alcorn, Kamloops, B.C.

The Kiwanis Club Medal (Head of the Graduating Class in Commerce and Business Administration, B.Com. degree): John S. Clark.

The Law Society Gold Medal and Prize (Call and Admission fee) (Head of the Graduating Class in Law, LL.B. degree): W. Stanley Martin.

The H.R. MacMillan Prize in Forestry, $300 (Head of the Graduating Class in Forestry, B.S.F. degree): Gerald H. Reichenback, Burnaby, B.C.

The Physical Education Faculty Prize (Head of the Graduating Class in Physical Education, B.P.E. degree): Timothy W. Ireland, North Vancouver, B.C.

The Recreation Society of British Columbia Prize (Head of the Graduating Class in Recreation, B.R.E. degree): Richard J. Sloan.

The Royal Architectural Institute of Canada Medal (outstanding student in Architecture, B.Arch. degree): Sidney Tse Shek Chow, Victoria, B.C.

The Wilfrid Sadler Memorial Gold Medal (Head of the Graduating Class in Agricultural Sciences, B.Sc. degree): James Der.

Special University Prize, $200 (Head of the Graduating Class in Fine Arts, B.F.A. degree): Carol Ann Poser, Montreal, Quebec.

Special University Prize, $200 (Head of the Graduating Class in Home Economics, B.H.E. degree): Harumi Nakai.

Special University Prize, $200 (Head of the Graduating Class in Licentiate in Accounting, Lic. Acct. degree): William L. Dinicol, Kamloops, B.C.

Special University Prize, $200 (Head of the Graduating Class in Music, B.Mus. degree): David Marcus Swan, Saskatoon, Sask.

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): Helen R. Del Val-Lui, Burnaby, B.C.

Landscape program set

A new professional program leading to the degree of Bachelor of Landscape Architecture gets under way in September at UBC.

The four-year program, approved in concept by Senate early in 1978, is offered by the Department of Plant Science in the Faculty of Agricultural Sciences. First- and second-year students will be admitted to the program this September, and the deadline for application is June 30.

The program will emphasize the principles of design and their application to the landscape. In addition to courses in landscape architecture, the curriculum will span disciplines such as fine arts, geography, community and regional planning, economics, architecture, forestry, soil science and plant science.

"The landscape architect is needed wherever people use areas of land, large or small, public or private, for living, for working, or for recreation," said Dr. John Neill of the Department of Plant Science. "Through land design, planning and management, with due concern for resource conservation, a useful and enjoyable environment can be ensured."

Prof. Neill said graduates of the new UBC program will be prepared to assume leadership roles in environmental design and management on various scales, from the home garden to the regional resource.

DEGREES

Continued from Page 1

Council as an outstanding research scientist. He has become nationally known in recent years as the host of CBC radio and TV programs on a wide range of scientific topics.

Prof. emeritus of anthropology and sociology Harry B. Hawthorn was honored on May 25 by McMaster University in Hamilton, Ont. He is one of Canada's best-known anthropologists and was a UBC faculty member for 30 years, 21 of them as head of the Department of Anthropology and Sociology.

He is one of the leading figures in the revival of interest in the art and artifacts of the Indians of Canada's west coast. Prof. Hawthorn and his wife, Audrey, were largely responsible for amassing more than 10,000 items which form the basis for the collection of material now on display in UBC's Museum of Anthropology.

SENATE

Continued from Page 1

duties as the board or senate may require." The registrar is also the secretary of Convocation, the Senate and of each of the faculties, but has no right to vote during deliberations of any of these bodies.

The committee, which will be chaired by President Douglas Kenny or his designate, will consist of three members appointed by the president (including one dean), and three members elected by Senate (including one student).

On the recommendation of its nominating committee, Senate approved the following to serve on the committee: Prof. R.F. Scagel, head of the Department of Botany; Prof. Jorgen Dahlie of the Faculty of Education; and Valgeet Johl, a student representative on Senate.

The committee will consider candidates for registrar and advise President Kenny so that he may make an appropriate recommendation to the Board of Governors.

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Senate approved a statement of affiliation between the University and the City of Vancouver which will enable various groups of health sciences students to gain experience within community health agencies operated by the Vancouver Health Department.

Cecil Yarwood

Hon J.V. Clyne is presiding over the 1979 Congregation for the first time since his installation as UBC's chancellor at last year's ceremony.

Six get awards

Six UBC graduate students specializing in transportation have each been awarded $6,000 fellowships by the federal Transport Canada Research and Development Centre.

UBC captured six of the 32 awards made in Canada.

Winners are: Louis-Charles Lavallee, Robin Heppenstall, Francoise Dionne, Michael Tulumello, and John Terry, all of Vancouver, and Victor Rivers, of Delta, B.C.

Hortline experts check a copper beech branch to find out what is bugging it. UBC students Nancy Little, left, a horticulture graduate, and Keith Freedman, a crop protection graduate, are manning the Hortline, answering telephone enquiries from home gardeners on all aspects of plant care. The Hortline is sponsored by UBC's Department of Plant Science, and funding for the students' work is provided by the B.C. ministry of labour's Youth Employment Program. The Hortline can be contacted by calling 228-5858.

Hortline has answer if your plants are bugged

Is something bugging your plants?

Hortline has the answer to your problem. Provided as a community service by UBC's Department of Plant Science, the Hortline is available this summer to answer any questions relating to plants and their care.

The Hortline's telephone line, 228-5858, is ably manned by two UBC graduate students. Nancy Little, graduating this year in horticulture, and Keith Freedman, graduating this year in crop protection, are already busy answering as many as 35 calls per day from anxious gardeners around the province.

Little and Freedman are two of 620 UBC students who have received Youth Employment Program grants from the B.C. ministry of labour to carry out summer projects related to their field of study. Grants to UBC students this year will total $1.5 million.

"People can call in with any problem," said Little. "If we don't know the answer, we'll find out."

Most telephone enquiries are answered immediately, she said, but added that it is occasionally necessary to ask the caller to send in a sample for inspection and analysis.

Out-of-town calls must be paid for by the caller, but the cost of the return call, with the requested information, will be absorbed by Hortline.

Enquiries are handled on a wide range of subjects, from the care of rare house plants to how-to information on lawn seeding, said Little, but most calls concern propagation, sprays, and general plant care.

Another function of the Hortline is to distribute pamphlets and printed information, or to direct people to agencies providing printed material.

"There is a lot of literature available, but people don't know where to get it," said Little.

Both Little and Freedman said that their work on the Hortline this summer will give them an opportunity to utilize the information and practise the skills they have learned in their four years of university education.

Funds sought for new award

The conference room in UBC's new Aquatic Centre has been named "The Alf Adams Memorial Room" for the late Mr. Adams, who was executive director of the University's Resources Council from 1964 until his death in December, 1978.

Mr. Adams was closely associated with innumerable fund-raising projects for academic buildings at the University, including the Aquatic Centre. The Board of Governors decision to name the centre's conference room in his memory was supported by the Alma Mater Society.

Friends and associates of Mr. Adams have also established a bursary fund in his memory. The Adams Bursary will be awarded annually, preferably to a student who was involved in the Big Brothers movement, an organization that provides companions for fatherless children. Mr. Adams was closely involved with the Big Brothers organization for many years.

Contributions to the fund should be sent to the UBC Alumni Association, 6251 Cecil Green Park Road, Vancouver, B.C. V6T 1X8. Cheques should be made payable to the UBC Alumni Fund and earmarked for the Alfred T. Adams Bursary.

Peter Menyasz photos

Judy Harrison, left, answers a call on the University of B.C.'s Food Information Hotline, while Sylvia Duffek, a UBC Food Science graduate, looks for an answer to the caller's question. Harrison, a third-year Food Science student at UBC, is working on the Hotline this summer, answering questions on food safety, food preservation and food storage. Funding for Harrison's work on the Hotline is provided by the B.C. ministry of labour's Youth Employment Program. YEP grants to UBC students this year will total $1.5 million. The Food Information Hotline can be contacted by calling 228-5841.

UBC food hotline ready for public's phone calls

Do you have a question about the food you are about to preserve or store for the winter?

Are you worried that what you are about to eat may contain additives that are unsafe or unhealthy?

The answer to your questions may be only a telephone call away. The Food Information Hotline, sponsored by UBC's Department of Food Science, will try to answer your question if you call 228-5841.

Judy Harrison, a third-year Food Science student at UBC, is operating the Hotline this summer, under the supervision of Sylvia Duffek, a Food Science graduate.

Harrison is one of 620 UBC students who have received Youth Employment Program grants from the B.C. ministry of labour to carry out summer projects related to their field of study. Grants to UBC students this year will total $1.5 million.

The Food Information Hotline, the only service of its kind in North America, has been in operation for four years, said Duffek. She added that the aim of the Hotline is to provide food information to consumers.

Most of the callers' questions concern food safety, preservation, and storage, Duffek said. But for the time being, the Hotline is also prepared to answer basic recipe calls, as the *Vancouver Sun's* recipe information service is not currently in operation.

Working on the Hotline during the summer will provide an opportunity to put her education to practical use, said Harrison. She added that some of the questions concern areas not covered in her classroom education, thus increasing her practical knowledge.

Most calls during the first part of the summer, said Harrison, concern fruit drink processing, and canning.

If you have a question concerning food safety, preservation, or storage, simply call the Food Information Hotline at 228-5841 between the hours of 9:00 a.m. and 4:30 p.m., Monday to Friday. If the students are not available, or if your call is not during their regular working hours, the call will be recorded and answered as soon as possible. If you are calling from out of town, the call must be made at your own expense, or you can write to the Hotline with your question, addressing it to: Food Information Service, Department of Food Science, University of B.C., 2075 Wesbrook Mall, Vancouver, V6T 1W5.

Three win Killam awards

Three UBC faculty members have received awards in the 12th annual Killam competition administered by the Canada Council.

Prof. Myer Bloom of UBC's physics department has had his $40,000 Izaak Walton Killam Memorial Scholarship renewed for 1979-80. The scholarships support scholars of exceptional ability engaged in projects of outstanding merit.

Prof. Bloom will continue his studies of the physical basis of biological membrane function. He is already internationally recognized for his research on nuclear magnetic resonance in various fields of science and was the recipient of the gold medal of the Canadian Association of Physicists in 1973.

Dr. Frank H. Clarke, a member of UBC's mathematics department since 1973, has been awarded a Killam Research Fellowship for research on the theory and application of generalized gradients in various fields of mathematics, economics and planning. Killam research fellowships provide full or partial salary replacement but no research funds.

Dr. Paul Hickson, a post-doctoral research fellow in the Department of Geophysics and Astronomy, has had his $13,200 Killam Post-Doctoral Research Scholarship renewed to enable him to continue his research in the field of astronomy.

UBCalendar

UBC CALENDAR DEADLINES

Events in the week of
June 10-June 16 Deadline is 5 p.m. May 31
June 17-June 23 Deadline is 5 p.m. June 7
Send notices to Information Services, 6328 Memorial Road (Old Administration Building), Campus. Further information is available at 228-3131.

MONDAY, JUNE 4

9:30 a.m. COMPUTING CENTRE LECTURE. The first in a series of four lectures on **SPSS, a Statistical Package for Social Sciences** by Stan Kita, UBC Computing Centre. Room 447, Computer Sciences Building.

TUESDAY, JUNE 5

12 noon UBC FILM STUDENTS PRESENTATION of 16mm films. NFB Theatre, 1155 W. Georgia. There will be a second screening at 7:30 p.m. at the Robson Square Theatre, Robson and Hornby Sts. Free admission.

2:00 p.m. PLANT SCIENCE SEMINAR. Dr. C.E. Yarwood, Emeritus Professor of Plant Pathology, University of California, Berkeley, and a recipient of an honorary D.Sc. degree at the 1979 UBC Congregation, on **Diurnal Periodicity in Plant Pathology.** Room 158, MacMillan Building.

8:00 p.m. IMMUNOLOGY SEMINAR. Dr. Phillip Lake, Tumor Immunology Unit, University College, London, England, on **Introduction of New Helper Determinants Into Cell Membranes.** Salons B and C, Faculty Club.

WEDNESDAY, JUNE 6

7:30 p.m. CENTRE FOR CONTINUING EDUCATION public lecture by Dr. Malcolm S. Knowles, distinguished professor of adult and community college education, North Carolina State University. Topic: **The Future Shape of Adult Education and Training: Preparing for the 1980s.** $4 at the door or by calling 228-2181, local 228. Robson Square Media Centre Theatre in downtown Vancouver.

CHAUTAUQUA BY THE PACIFIC

The 1979 program on **The Creative Practice of Adult Education** is led by Dr. Malcolm S. Knowles, Adult and Community College Education, North Carolina State University. Plenary and work group sessions will be held from Monday, June 4, to Friday, June 8, from 9:00 a.m. to 4:30 p.m. Registration, $187; accommodation can be arranged. For further information and registration, contact Registrations, Centre for Continuing Education, UBC.

FREE LEGAL ADVICE

The UBC Law Students Legal Advice Program offers free legal advice to people with low incomes through 18 clinics in the Lower Mainland. For information about the clinic nearest you, please telephone 228-5791 or 872-0271.

SUMMER GARDEN HOURS

The Nitobe Garden is now open every day from 10 a.m. to half an hour before sunset. Admission: 50 cents; children 10–16, 10 cents; children under 10, seniors, handicapped and community and school groups (advance notice of one week required for advice to gateman), free. Tours for this garden and others may be requested by calling the Botanical Garden office at 228-3928.

EXHIBITS

On display at the Museum of Anthropology are two exhibits which will continue throughout the summer months. **Plantae Occidentalis, 200 Years of Botanical Art in B.C.,** is an exhibition of 109 works which includes historical works from 1792 to contemporary 1977 paintings.

The Four Seasons: Food Getting in British Columbia Prehistory is an exhibition showing the livelihood and living patterns of the prehistoric peoples of southern B.C., and the scientific techniques used to study their past.

An exhibit on **Natural Science Illustrations Emanating from World-Wide Expeditions and Explorations of the 18th Century** continues throughout May and June in the Woodward Biomedical Library. Hours until June 30: Monday, Thursday, Friday, 9 a.m. - 5 p.m. Closed holidays.

ICE HOCKEY SCHOOL

Resident ice hockey camps for boys aged 8 to 16 will be held again this summer. Boys will live on the UBC campus for seven days. Full hockey program includes power skating, hockey skills, circuit and strength training. Camps, held from July 14 to Sept. 1., cost $175 a person.

Hockey day school for boys aged 7 to 16 will also be offered. Five-day sessions of six hours a day run from July 23 to Aug. 31 at a cost of $65 a person. Further information and application forms from 228-3177, Monday to Friday, 9 a.m. to 1 p.m.

FINAL PH.D. ORAL EXAMS

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, second floor, General Services Administration Building. Members of the University community are encouraged to attend the examinations, provided they do not arrive after the exam has started.

Monday, June 4, 1:30 p.m.: SALWA RASMY, Microbiology; **Hamagglutinin and Protease of Bacteroides Melaninogenicus.**

Wednesday, June 20, 2:00 p.m.: KATHY LOUISE BAUMAN BURCK, Genetics; **Cross Reactivation and Partial Replication of Bacteriophage T7 DNA.**

Monday, June 18, 10:00 a.m.: DAVID ZITTIN, Zoology; **Factors Influencing the Vertical Distributions of Two Intertidal Porcelain Crab Populations.** (Conference Room)

FACULTY CO-ED SOFTBALL

Faculty members – male and female – interested in weekly softball games are asked to call 684-8872 for information. Players will not have to take part in every game since there will be spares. Beginners and inexperienced players are welcome.

THE PRESIDENT'S REPORT

The annual report of President Douglas Kenny to the Senate and Board of Governors for the last academic year has been published. Readers who wish a copy of the 48-page document should call Information Services, 228-3131.

UBC botanist named director of marine station

Dr. Ronald E. Foreman, a member of the UBC botany department, has been named director of the Bamfield Marine Station operated by a consortium of five B.C. and Alberta universities on the west coast of Vancouver Island.

Dr. Foreman will be on leave of absence from UBC for three years beginning July 1 to head up the teaching and research program at the marine station, which is operated by the Western Canadian Universities Marine Biological Society (WCUMBS), formed in 1969.

The society is made up of representatives from the Universities of Alberta, B.C., Calgary, Victoria and Simon Fraser University. The current president of WCUMBS is Prof. Robert Scagel, who heads the Department of Botany at UBC.

Dr. Foreman will succeed Dr. John E. McInerny, who will return to teaching duties at the University of Victoria after having served as station director since 1975.

The Bamfield Marine Station was established to provide teaching facilities in the marine sciences for graduate and undergraduate students and to serve as a centre for basic research in marine biology on Canada's west coast.

The administrative and research centre of the station on Barkley Sound is a three-storey concrete building that, from 1902 to 1957, was the terminus of the Trans-Pacific telegraph cable that linked Canada and the Antipodes. The building was abandoned in 1959 when a new station was built at Port Alberni at the head of Barkley Sound.

In the last decade, WCUMBS has received grants from government sources and the five participating universities to develop research and teaching facilities, for the construction of a dining hall and director's residence, and for the provision of residence accommodation for about 100 persons.

The most recent research facility to be added to the station is a converted quonset hut which is in the final stages of being equipped for environmental physiology studies of fish and other marine organisms.

Dr. Ronald E. Foreman

Dr. Foreman said the society is placing increasing emphasis on the development of biological research programs at the station. Present areas of emphasis include marine plants and environmental physiology of marine organisms. Dr. Foreman said the latter program is being developed through the collaborative efforts of scientists from three of the member institutions, the Pacific Biological Station and the Pacific Environment Institute.

From May through August, the station operates a total-immersion teaching program, which enrols about 100 students from five participating universities for eight courses given over three- or six-week periods.

Throughout the year the station is used for research by graduate students from a variety of disciplines, by faculty members from the five WCUMBS universities and by visiting scientists.

"The station now has a firmly established teaching program, which was a first priority when WCUMBS came into existence a decade ago," Dr. Foreman said. He said the excellence of the teaching program is largely due to the efforts of Dr. McInerny, the retiring director.

Dr. Foreman said he hoped to encourage similar collaboration among scientists studying marine invertebrates to expand the research program in this field.

"One of the major problems facing the station at the moment," Dr. Foreman said, "is the provision of adequate research space and library facilities for students and faculty members. It's my hope that funds will be available in the near future to improve these facilities."

Dr. Foreman said an increasingly important aspect of the marine station's operations is the extensive use of its facilities throughout the year by colleges, elementary and secondary schools and adult education groups for field trips and short courses in marine biology. Groups of up to 40 persons visit the station for up to a week for these programs. Last year, nearly 900 persons spent some 5,000 user days at the station.

Dr. Foreman, who has been a member of the UBC faculty since 1970, is an expert on marine plants. He has recently completed the first comprehensive study of benthic – bottom-dwelling – plants and animals in the Strait of Georgia and is currently using provincial government grants for a major study of kelp beds on B.C.'s west coast.

Dr. Foreman developed the kelp-inventory method applied by the provincial government to estimate the amount of kelp in major west coast beds. The provincial government recently purchased a small kelp harvester which is being used at Malcolm Island in Queen Charlotte Strait for harvesting impact studies. Data from the studies will be analysed to develop a harvesting strategy for sustained yield of kelp.

Dr. Foreman is a graduate of the University of Colorado, where he received his Bachelor of Arts degree, and the University of California at Berkeley, where he was awarded the degree of Doctor of Philosophy. He was a teaching assistant and teaching associate at Berkeley before joining the UBC botany department.

Former math department head at UBC dies at 70

Funeral services were held last week (May 23) for Professor Emeritus of Mathematics Ralph D. James, who died suddenly on May 19 at the age of 70 at Ganges on Salt Spring Island.

Prof. James received the degrees of Bachelor and Master of Arts at UBC before enrolling at the University of Chicago, where he was awarded the degree of Doctor of Philosophy in 1932.

After a teaching career at the University of California and four years as head of the mathematics department at the University of Saskatchewan, Prof. James joined the UBC faculty in 1943. He was named head of the mathematics department five years later, a post he held until 1973.

To mark his retirement as head, friends and colleagues established a medal in recognition of Prof. James's "meritorious and distinguished achievements" to be awarded annually to the student in the graduating class whose record and promise in mathematics is considered to be the most outstanding.

Prof. James was president of the Canadian Mathematical Congress from 1961 to 1963 and a fellow of both the Royal Society of Canada and the American Association for the Advancement of Science.

Prof. James is survived by his wife, Rose Marie; two sons, Alan C., of Calgary, and Peter D., of Vancouver; a daughter, Mrs. Bryan Sullings, of Richmond; a sister, Mrs. Nola Fawcett; and five grandchildren.

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