

UBC REPORTS

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UBC REPORTS CAMPUS EDITION

UBC TO HONOR THREE

Canada's Governor-General, His Excellency D. Roland Michener, and two former members of the University of B.C. faculty will receive honorary degrees during UBC's three-day spring Congregation May 26-28.

In addition, more than 3,000 academic degrees will be conferred on graduating students by Chancellor Allan M. McGavin, who presides over the annual Congregation ceremonies.

The ceremony will begin each day at

2:15 p.m. in UBC's War Memorial Gymnasium.

The Governor-General will receive the honorary degree of doctor of laws (LL.D.) on Friday (May 28).

On Wednesday (May 26) UBC will honor Professor Emeritus of English F.G.C. "Freddy" Wood, the first native British

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Ceremony Has Roots in Middle Ages

UBC's 1971 Congregation for the awarding of academic and honorary degrees contains echoes of customs and traditions which had their origins 800 years ago in the first European universities.

Few contemporary students realize how directly the gowns and hoods they wear and the degrees they receive today are linked to the dress and academic customs of the high Middle Ages which extended roughly from the 12th to the 15th century.

Even the Congregation procession of dignitaries, faculty members and graduating students from nearby campus buildings to the War Memorial Gymnasium is related to the public, degree-granting ceremony which took place in the Middle Ages at Bologna University in Italy.

At Bologna, which was famed for its training in the field of law, the student first took a series of private qualifying exams, just like his modern counterpart, and provided he passed them was permitted to proceed to the public ceremony known as the inception.

Prior to the appointed day the candidate extended personal invitations to friends and public officials to attend the ceremony. On the day of the inception, a procession made up of the candidate, his sponsoring doctor, some university officials and fellow students moved to the cathedral, where the aspiring doctor delivered a speech, set forth a thesis in his area of study and defended it against student questioners, thereby playing the part of doctor, or teacher, for the first time.

Almost all of these aspects of the medieval ceremony exist in one form or another in the 20th century.

Candidates for the master's and doctor's degrees at UBC still have a sponsoring faculty member who supervises and aids their work in the development of their graduating thesis topic, and today's Ph.D. student is still required to present his thesis and take part in a public, oral examination staged by the Faculty of Graduate Studies.

The graduate student of today might well wish to reinstitute a medieval regulation which applied to this final, oral exam; the cathedral examiners were required to treat the candidates "lovingly," on pain of suspension from their functions for a year.

After the medieval candidate had been accepted at the cathedral ceremony, the

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DEGREES

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Columbian to be appointed to the faculty of the embryo University of B.C. in 1915 and founder of the UBC Players' Club. The Frederic Wood Theatre in the Norman MacKenzie Centre for Fine Arts at UBC is named for him.

The honorary degree of doctor of literature (D.Litt.) will be conferred on Prof. Wood.

On Thursday (May 27) the honorary degree of doctor of science (D.Sc.) will be conferred on Dr. John W. Ker, dean of the Faculty of Forestry at the University of New Brunswick and a member of the UBC forestry faculty from 1948 to 1961.

His Excellency D. Roland Michener became Canada's 20th Governor-General since Confederation on April 17, 1967. Born in Lacombe, Alberta, April 19, 1900, Mr. Michener was educated at the University of Alberta, where he received his bachelor of arts degree in 1920. He was named Rhodes Scholar for Alberta in 1919 and subsequently read law at Oxford University, where he received the degrees of bachelor of arts, bachelor of civil law and master of arts. He practised law in Toronto from 1923 until 1957 and was elected to the Ontario legislature and House of Commons in Ottawa. He was speaker of the House of Commons from 1957 to 1962. He was Canada's High Commissioner in India and Ambassador to Nepal from 1964 until his appointment as Governor-General of Canada.

Prof. F.G.C. Wood was a member of the first class of Victoria College, organized in 1903 and affiliated with McGill University. He finished his undergraduate work at McGill University in Montreal, graduating with the degree of bachelor of arts in 1910. The same year he was the recipient of McGill's Shakespeare Gold Medal.

Prof. Wood taught at Victoria High School from 1910 to 1914 and then enrolled at Harvard University, where he was awarded the master of arts degree in 1915. The same year he was appointed to the faculty of UBC, which opened its doors in September.

FOUNDED THEATRE

Six weeks after UBC opened, Prof. Wood organized the UBC Players' Club and was director of it until 1931. He was also one of the founders in 1921 of the Vancouver Little Theatre.

Prof. Wood was also a noted UBC teacher whose course on the English novel was one of the most popular courses offered by the UBC English department. He resigned as professor of English in 1950.

Dean John W. Ker is a native of Chilliwack, B.C., and a UBC graduate who received his bachelor of applied science in forestry degree in 1941. He carried out graduate work at Yale University and was awarded the degrees of master and doctor of forestry there in 1951 and 1957, respectively.

Before joining the UBC Faculty of Forestry in 1948, Dean Ker was employed by the B.C. Forest Service. At UBC he was responsible for the development of courses in forest mensuration or statistics and forest economics and finance.

He has been dean of the forestry faculty and head of the Department of Forest Management at the University of New Brunswick since 1961.

Following are the heads of the 1971 graduating classes:

The Governor-General's Gold Medal (Head of the Graduating Classes in Arts and Science, B.A. and B.Sc. degrees): William N. Celmaster, West Vancouver.

The Wilfrid Sadler Memorial Gold Medal (Head of the Graduating Class in Agricultural Sciences, B.Sc. degree): William D.H. Woodward, Vancouver.

The Association of Professional Engineers Gold Medal (Head of the Graduating Class in Engineering, B.A.Sc. degree): R. Campbell Pearce, Vancouver.

The Kiwanis Club Gold Medal and Prize, \$100 (Head of the Graduating Class in Commerce and Business Administration, B.Com. degree): Neil A. Carson, Vancouver.

The University Medal for Arts and Science (Head of the Graduating Class for the B.A. degree): Linda L. Clark, Vancouver.

The Law Society Gold Medal and Prize (Call and 2/UBC Reports/May 26, 1971



PROF. F.G.C. WOOD

Admission fee)(Head of the Graduating Class in Law, LL.B. degree): David W. Donohoe, Vancouver.

The Hamber Gold Medal and Prize, \$250 (Head of the Graduating Class in Medicine, M.D. degree): Tetsuo Inouye, Vancouver.

The Horner Gold Medal for Pharmaceutical Science (Head of the Graduating Class in Pharmaceutical Sciences, B.Sc. degree): Karen L. Pylatuk, Coquitlam, B.C.

The Helen L. Balfour Prize, \$125 each (Head of the Graduating Class in Nursing, B.S.N. degree): Mrs. Margaret Fershau, Vancouver; Mrs. Lily Rusch, Osoyoos, B.C.

FORESTRY MEDAL

The Canadian Institute of Forestry Medal (best overall record in Forestry in all years of course, high quality of character, leadership, etc.): Kenneth H. Baker, Vancouver.

The H.R. MacMillan Prize in Forestry, \$100 (Head of the Graduating Class in Forestry, B.S.F. degree): Donald G. Hoffman, Vancouver.

The Dr. Maxwell A. Cameron Medal and Prize (Head of the Graduating Class in Education, Secondary Teaching Field, B.Ed. degree): Karen Elizabeth Dellow, Vancouver.

The Dr. Maxwell A. Cameron Medal and Prize (Head of the Graduating Class in Education, Elementary Teaching Field, B.Ed. degree): Janet Lee Bye, North Vancouver.

The College of Dental Surgeons of British Columbia Gold Medal (Head of the Graduating Class



DEAN JOHN KER

in Dentistry, D.M.D. degree): William A. Jones, Penticton.

The Royal Architectural Institute of Canada Gold Medal (outstanding student in Architecture, B.Arch. degree): Helmut P. Kassautzki, Vancouver.

The Ruth Cameron Medal for Librarianship (Head of the Graduating Class in Librarianship, B.L.S. degree): Thomas W. Skinner, Vancouver.

The Canadian Association for Health, Physical Education and Recreation Medal (Head of the Graduating Class in Physical Education, B.P.E. degree): Leonard Marchant, Squamish, B.C.

The British Columbia Professional Recreation Society Prize, \$50 (Head of the Graduating Class in Recreation, B.R.E. degree): M. Judy Rogers, Nelson, B.C.

The College of Dental Surgeons of British Columbia Gold Medal (leading student in the Dental Hygiene program): Lorraine Machell, Matsqui, B.C.

The Dean of Medicine's Prize (Head of the Graduating Class in Rehabilitation Medicine, B.S.R. degree): Miriam G. Rudland, West Vancouver.

Special University Prize, \$100 each (Head of the Graduating Class in Music, B.Mus. degree): Linda G. Ligate, Vancouver; Dawn Ross, Vancouver.

SPECIAL PRIZES

Special University Prizes, \$100 (Head of the Graduating Class in Social Work, M.S.W. degree): F.J. Edward Hillary, Vancouver; Garry Rentz, Edmonton, Alberta.

Special University Prize, \$100 (Head of the Graduating Class in Home Economics, B.H.E. degree): Janis E. Zboyovsky, Wellington, B.C.

UBC Hoods Add Color

Each student who receives his degree during UBC's three-day Congregation wears a hood lined with a specific color. Here is a list of the colors associated with each degree:

Bachelor of Arts — University blue; Bachelor of Applied Science — scarlet; Bachelor of Commerce — light grey with black and grey cord; Bachelor of Education — white with cord of University blue; Bachelor of Home Economics — turquoise; Bachelor of Music — University blue with cord of alizarin yellow; Bachelor of Science — light blue; Bachelor of Architecture — scarlet with white cord; Bachelor of Physical Education — malachite green; Bachelor of Recreation Education — malachite green with gold and green cord; Bachelor of Science (Agriculture) — maize; Bachelor of Forestry — brown with green cord; Bachelor of Science in Nursing — scarlet with twisted cord of University blue and white;

Bachelor of Science (Pharmacy) — dark green with cord of scarlet; Bachelor of Science in Rehabilitation — scarlet and white with twisted cord of royal blue; Bachelor of Law — amethyst violet.

Master of Library Science — cadmium yellow; Master of Social Work — magenta.

Doctor of Dental Medicine — lilac and red; Doctor of Education — blue and gold with blue, white and gold chevrons on sleeve of gown; Doctor of Medicine — scarlet and royal blue; Doctor of Philosophy — blue and gold.

The master's hood is the same as the bachelor's, lined with the distinctive color. The hood for the honorary degree of LL.D. (Doctor of Laws) is of scarlet broadcloth lined with dark blue velvet; that for the D.Sc. (Doctor of Science) is the same with dark purple lining and for the D.Litt. (Doctor of Literature) the same with cream lining.

CEREMONY

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procession paraded through the town. A banquet followed, attended by all officials, colleagues and university friends and the newly admitted doctor was required to present fees and gifts to university officials. This final step was so costly that many students were forced to postpone their graduating ceremony for long periods of time.

Graduating from UBC in 1971 is less costly. Every degree candidate is still required to make application to the University to graduate, but no fee is involved. At the beginning of the undergraduate student's final year of study, a \$7 graduating class fee is collected by the University and turned over to the Alma Mater Society. Undergraduates meet during the year to decide how this fund will be spent. (For a story on how this year's class decided to spend its money, see box below).

There is no formal or mandatory banquet for the modern student to attend after the graduation ceremony. UBC's Alumni Association stages an informal chicken barbeque after two of the 1971 ceremonies and many graduating students will attend the annual graduation ball on Friday night. (For details, see story on Page Four.)

The colorful gowns and hoods and oddly shaped hats worn by faculty members and students at contemporary graduating ceremonies are also directly linked to medieval dress.

All three items worn by those participating in today's ceremony — a gown, a hood and, in the case of women graduates, a mortarboard cap, have their histories rooted in the ordinary medieval apparel worn by almost all peoples of that time.

In medieval times, practically everyone wore as a basic item of apparel a long robe or gown, which varied in materials, cut, color, and trimmings according to the needs, position and wealth of the wearer. Over the gown was worn a cloak, often lined with fur or wool, which had attached to it a hood that could be pulled up to cover the head in cold or inclement weather.

The hood, when not covering the head, was allowed to hang down the wearer's back. From the 13th century, the hood was often absent from the cloak and was worn as a separate item. It was replaced by a light undercap which usually took the form of a close-fitting headpiece.

Each of these medieval elements, with only minor variations, make up the dress worn by graduating students at UBC's Congregation ceremony.

Students receiving their first degree wear a black gown of "the ordinary stuff material" (stuff simply means woollen) with long sleeves and the yoke edged in khaki cord. The master's gown is the same, without the cord.

UBC's doctor of philosophy gown is somewhat different. It consists of an ankle-length gown of maroon silk material with front facing panels of UBC blue with gold piping. The hood has blue silk on the outside and is lined with gold material. The Ph.D. cap is a Decanal bonnet of maroon silk with gold cord and tassel.

The brightly colored hoods worn by graduating

students have evolved over the centuries from the garment which once covered the heads of medieval men. As time passed various colors came to be associated with each degree. These colors are used in the material which lines the students' hoods. Occasionally a colored cord is used as an embellishment on the edge of the hood.

At UBC's graduating ceremony, all candidates for earned degrees, with the exception of doctor of philosophy candidates and honorary degree recipients, enter the War Memorial Gymnasium wearing their hoods and carrying their degrees, which they received in the Student Union Building, where the student congregation procession assembles.

Because the Ph.D. degree is the highest earned degree awarded by UBC, doctoral candidates have their hoods placed over their shoulders after being presented to UBC's Chancellor, Mr. Allan McGavin. The Chancellor confers on all students the degrees which were granted in the previous week at the meeting of the Senate, UBC's paramount academic body.

Similarly, honorary degree recipients, honored for their public service or contributions to University life, receive their hoods after UBC's President, Dr. Walter H. Gage, has presented the candidate to the Chancellor and read a citation which outlines the reasons for conferring the honorary degree.

For a listing of the colors associated with each of the degrees awarded by UBC, see box on Page Two.)

The mortarboard hats worn by UBC's women



The woodcut above, done in England in the late Medieval period, shows a teacher seated at his desk with students at work on either side.

graduates evolved from a close-fitting cap into a fuller and looser bonnet, which eventually became so large that the corners began to droop. The practice of inserting a board in the hat to keep the corners from falling originated in England in the 16th century.

In contemporary universities, students are used to the idea of degrees being earned in order, beginning with the bachelor's degree and progressing through the master's to the doctor of philosophy.

In medieval times, the process was reversed, largely as a result of the fact that the first universities were, quite simply, teacher-training institutions.

The first known records show the doctorate in use at the University of Bologna in the middle of the 12th century. It was also found about the same time at the University of Paris, famed for theology and the liberal arts.

Originally, the doctor's and master's degrees were used interchangeably, each indicating that the holder was qualified to give instruction to students. Gradually the master's degree became more common in the faculties of arts, while the doctor's degree became more common in the professional faculties of theology, law and medicine.

In the earliest medieval institutions it was the students who made up the "universities," while the professors were members of a guild or college. To obtain admission to the guild, students were required to undertake a course of study and pass a series of examinations in order to obtain a license to teach (*licentia docendi*), even if the student had no intention of continuing in the teaching profession.

On receipt of the teaching licence the graduate was entitled to style himself doctor or master, depending on the custom of the country in which the licence was granted. Through evolution, a master of arts was entitled to teach the liberal arts, while a doctor of laws (now an honorary degree) was a certified teacher of law.

Doctor's degrees were rarely conferred on women in medieval times but there were some noteworthy exceptions. Novella Andrea, daughter of a distinguished professor of canon law at the University of Bologna, was so accomplished at law that she frequently lectured to students in her father's absence. She was reputed to be so beautiful that she was compelled to lecture behind a curtain, lest her face distract the students.

It was not until much later that the bachelor's degree came into use in England. The term first appeared in the University of Paris in the 13th century and was used to designate not the completion of a course of study but entrance into an apprenticeship status preparatory to the master's degree.

The derivation of the term bachelor is obscure. One authority says it is probably derived from the Latin *bacca* or *vacca*, a cow, and a *baccarius* or *baccalaureus* was one who engaged in the care of cows. The transition from cowherd, to peasant, to young man without a specific occupation, to young man as an apprentice, is "involved but logical," according to the same authority.

Even the contemporary complaints of students that universities put too much emphasis on obtaining a degree is far from new. Erasmus, the great Christian humanist who bestrode the late medieval and early Renaissance periods, was probably echoing the sentiments of many a student of the day when he caustically wrote:

"I must acquire the absurd title of 'Doctor.' It will not make me a hair the better, but as times go no man can be counted learned, despite of all which Christ has said, unless he is styled 'Magister' (Master). If the world is to believe in me, I must put on the lion's skin. I have to fight with monsters, and I must wear the dress of Hercules."

Eight Groups Aided

A \$20,000 gift from UBC's 1971 graduating class has been distributed among eight organizations.

Support of the projects is designed to improve the quality of life at the University and in the community, according to Miss Jeannette Faubert, the treasurer of the 1971 graduating class.

Seven of the gifts went to student-sponsored organizations, but one allocation of \$200 was made to the University Health Service for emergency ambulance service and the provision of drugs for needy students.

"We are grateful for the provision of this money because we have never had enough funds to supply these services to needy students and it will be of great value to those who will be the recipients," said Dr. A.M. Johnson, director of the University Health Service. He said the fund will be allocated on the basis of genuine need and that each case will be assessed on its merits.

The largest gifts of \$5,000 each went to the Environmental Crisis Operation (ECO) and to

Get-It-On, now called the Window Project.

ECO is a University environmental student group whose formation was sponsored by Dr. C.S. Holling, director of the Institute of Animal Resource Ecology. The group concentrates on gathering and disseminating information and promoting education about environmental control.

The Window Project will work with other youth-oriented groups such as the Crisis Centre, the Now Bus, and the Inner-City Service Project to help improve services for transient and other youth, Miss Faubert said.

Gifts of \$3,000 and \$4,000 respectively went to Speak Easy, a student group which strives to help other students solve personal and social problems, and to the UBC Day Care Council, a group which wants to establish improved day care facilities.

A gift of \$1,350 was contributed to a fund for the construction of an Asian Studies Centre on the campus and \$450 was given to the Mental Patients Association.

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UBC ALUMNI Contact



Enjoying a few congenial beakers of beer are members of the Young Alumni Club at Cecil Green Park. Young Alumni Club has recently swung into its

summer schedule of informal Thursday evening gatherings featuring suds, socializing, music and, occasionally, dancing. The schedule runs to August 26.

ALUMNI DIRECTOR SAYS:

UBC Fails to Communicate With Ordinary People

The University is failing to communicate with ordinary people because it is speaking right over the tops of their heads, says the executive director of the UBC Alumni Association.

Jack Stathers returned to campus recently with this impression following conclusion of an extensive alumni-sponsored faculty speaking tour of the B.C. interior. The tour was designed to spread more knowledge about new developments in forestry and health sciences at UBC.

The program, carried out in stages from February to May, saw the Alumni Association bring senior faculty representatives to 13 interior centres to discuss at alumni, public and service club meetings, and on radio and TV, the significance of new developments in their field at UBC. Participating in the tours were Dr. J.A.F. Gardner, dean of Forestry, Dr. D.D. Munro, assistant dean of Forestry, Dr. J.F. McCreary, dean of Medicine, Dr. D.H. Williams, associate dean of Medicine, Dr. S. Wah Leung, dean of Dentistry, and Miss E.K. McCann, acting director of the School of Nursing.

From the discussion at the meetings, Stathers said it was obvious that while there was great interest in UBC, there was also great public ignorance of how the University had changed. "It seems to me that the University in its communications efforts doesn't reach the ordinary person," said Stathers. "I think

we're talking right over the tops of their heads."

And while the speaking tours were a success in terms of the public and alumni response, Stathers said several of the academics participating recognized that it was difficult for them to speak in terms clearly understandable to the layman. "This is," he said, "a natural occupational hazard for the academic."

Another thing that was noted on the tours was that the public seemed to have high expectations of the University, he said. Stathers said that when Dean Gardner pointed out considerable progress being made in his Faculty toward developing a technique for eliminating pulp mill odors, the public didn't seem surprised in the least. The general attitude, he said, seems to be that the University is expected to tackle and solve such problems.

Stathers said he also noted that in several centres "there was strong local interest and support for their colleges." And the UBC faculty representatives were able to point out that the University had set up procedures to facilitate transfer of students from the colleges to the University. This, he said, was a point much appreciated.

The alumni-faculty tours will be continued, and perhaps expanded to other centres in the coming year, said Stathers. He said he hoped alumni would suggest topics of concern which could be covered by faculty speakers during the tours.

A MESSAGE

Yesterday, a Student; Today an Alumnus

The term *alumni* occurs throughout the graduation ceremony. If you are a graduate you are an alumnus. It's as simple as that. Or is it?

Do you think that the education you have just received was good enough? Maybe you think it could have been better. Is UBC meeting the needs of the society it serves? You have some ideas on that too, no doubt.

Are you interested in making sure that UBC moves forward with the times, that students of the future have at least as good an opportunity as you have had? We think you are.

You have put a lot of yourself in UBC. But, once you are gone, will you still have a chance to voice your opinions?

Yes. This is the purpose of the UBC Alumni Association. Through it you can have a continuing voice in the affairs of the University. You become a member of the Alumni Association automatically, upon graduation. You can make of it what you wish.

In September you will receive the *UBC Alumni Chronicle*, the Association's magazine and later, when you are established, a request for a donation to the Alumni Fund to help students and student-initiated projects. During your undergraduate years, it is possible that you were one of the many students who benefitted from this alumni giving program.

A continuing interest in University affairs is something you can always give. It's a gift highly valued by the University. To keep you in touch with the latest happenings on the campus and in University affairs, the Alumni Association holds branch meetings in major centres across Canada, in the U.S.A. and, occasionally, abroad. You will receive invitations to these functions and perhaps be surprised at the pleasure in seeing old friends and in hearing about the UBC you now may be quite eager to leave.

Will you keep in touch with us, your fellow graduates, and when the time is right, lend your support to the students of the future and the institution that, in many respects, has served you well?

Jack Stathers,
Executive Director,
UBC Alumni Association

Graduation★ Ceremonies

Wednesday, May 26; Thursday, May 27,
and Friday, May 28. The ceremonies
begin at 2:15 p.m. at the War
Memorial Gymnasium . . . for
further information call the Ceremonies
Office, 228-2484.

Chicken★ Barbecues

Wednesday and Thursday, after the
graduation ceremonies, graduates,
relatives and friends are invited to
Cecil Green Park (6251 N.W. Marine
Drive) for a delicious chicken feast
(refreshments available)
reservations and tickets from the
Alumni Office, 228-3313 (\$2 a person).

Graduation★ Ball

In the B.C. Ballroom at the Hotel
Vancouver . . . Friday, May 28,
from 8 p.m. . . . Tickets, \$5 a
couple, are available now at the AMS
business office in SUB.

GRADUATION '71