



# U.B.C. REPORTS

VOLUME 4, No. 5

MAY, 1958

VANCOUVER 8, B.C.

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UNIVERSITY INFORMATION OFFICE

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## Economics of Higher Education

### Decentralization of Education Discussed at UBC Conference

A really extraordinary response of all British Columbia communities to the University Development Fund has prompted the university in turn to review the services it now provides and might provide to the communities of the Province.

The community and alumni chairmen who are responsible for this most gratifying response, were invited to the Alumni Association annual banquet, and also to stay over for a conference the following day in order to discuss ways and means whereby the University might improve its services to the Province at large. The conference was a very useful one and the advice and counsel provided by the representatives who attended very valuable to the University in planning future community relations programs.

It was apparent, as might have been expected from the suggestions and comments that were made that the University is best known nearer Vancouver, least known farthest from Vancouver. Further, as would be equally expected, it was best known by virtue of the activities of the President and the Extension Department of the University. It became apparent that there is virtually unlimited opportunity for the Extension Department to increase and diversify its services through short courses, conferences, correspondence courses, extra-mural courses for credit, and extra-mural courses for their own sake. It is certain that as funds become available the Department will extend its activities and in the directions indicated by those who attended the conference.

A recurrent theme at the conference had to do with ways and means whereby the cost of University education might be equalized for young men and women from all parts of the province. The need for more scholarships and bursaries was stressed. The question of decentralizing higher education throughout the province was also canvassed. The University's point of view was outlined by the President, Dr. Norman MacKenzie, when he reviewed the progress that has been made in increasing funds available for scholarships, bursaries, and loans over the past ten years from \$140,000 a year to \$600,000. At the present time 20 per cent of the student body are in receipt of help of this kind. With regard to the decentralization of facilities for higher education, he pointed out that he himself strongly favoured the pattern which has been developed in the State of California, which is that there is a Board of Regents for one State university which now has seven or eight branches, and which is responsible for the development of higher education throughout the State. He pointed out further that it is vitally important to everyone in the Province that the major campus will be well equipped with laboratories, residences, qualified and well paid faculty and adequate student assistance, before the Province undertakes the additional cost of additional branches of the University.

The economics of higher education today is such that for many branches of learning, and in particular for the more expensive branches of professional training such as medicine, engineering, etc., it is undesirable to duplicate facilities because the cost of research equipment is becoming so great that no society is wealthy enough to duplicate it for relatively few students. Likewise in the basic

sciences, such as physics and chemistry, the cost of research equipment is also such that it can only be afforded in relatively large institutions.

The date at which British Columbia can develop branch institutions in the liberal arts in other centres of the province will depend upon the amounts of money that British Columbians want to spend on higher education. Decentralizing higher education is not less expensive, it is more expensive than centralizing educational facilities. The University is still lacking the funds and facilities to develop a faculty of dentistry and other educational facilities needed in the province. It is lacking in adequate student residences any many of the classrooms and laboratory facilities it needs. All this does not imply that higher education facilities should not be decentralized. It simply means that decentralization depends on the adequacy of funds for the total needs of higher education.

There is one other aspect of decentralization which needs full discussion and full consideration, and that is that decentralization does not, as experience has proved elsewhere, lessen the load of students at the principal university centres. In fact it will increase the student load. As young people get a start on higher education in their home towns they wish to continue it at more advanced levels in the larger centres. Further, the weight of evidence shows that young men and women when they have to leave home to pursue higher education, will tend almost always to go to the larger rather than the smaller centre away from home. From this it would appear that continuing provision will have to be made to equalize the cost of education as much as possible by the provision of scholarships, bursaries and loans, for all those who have to go away from home as much as ten or twenty miles. It is maintaining yourself away from home that constitutes the major share of expense, not the travel to and from the relatively near or relatively far centre.

The University is concerned to try in every way to help equate the costs of education for promising students. It is for this reason that this University entered energetically into the campaign for national scholarships, bursaries and loans. The Honourable Sidney Smith, speaking at the University of British Columbia, promised that the Federal Government, if re-elected, would introduce a comprehensive scholarship and bursary program which would, when fully developed, amount to 40 million dollars worth of student assistance a year. This program will be of invaluable assistance, though it will not of course meet all student needs. There still remains a great need for scholarship, bursary and loan assistance and a great many of the communities in British Columbia have made very considerable contributions to the University's scholarship program.

The problems of equating the cost of higher education will not be resolved within a short time. The extent to which decentralizing branches of the University within the Province can contribute to spread the cost will also need further discussion and clarification. Graduates and other citizens who are concerned with this question are invited to write to the University and express their views.

## The Educational Debate

### A Liberal Education Leads to Fuller Life

By DR. J. K. FRIESEN

Director, UBC Extension Department

The post-war years have been for Canada a period marked by prosperity and enormous industrial expansion. We consider ourselves by every standard the most fortunate of nations. The Centennial celebrations in British Columbia reflect this spirit of achievement and optimism.

At a time when most Canadians were snugly and smugly settled in their easy chairs to look at still another television thriller, along came the biggest shock of our day—Sputnik. It ushered in a new era and it sparked the educational battle of the century.

#### Adults Make Crucial Decisions

In our soul-searching, we conveniently attributed any lack of progress to the shortcomings of our public schools and universities. Much less anxiety was expressed by grown-ups that the issue of the day was equally a matter concerning adult education. After all it is adults who make the crucial decisions in society, not children.

As Robert Hutchins observes, "A child may be brilliant, but do you know of a child who could say something useful about the ends of human life, or the ways of reconciling freedom and order?"

Today's headlines are asking "How do we achieve a nation of educated people?" After hearing the educational debate rage for some months let me submit, first of all, that education for making a living is secondary to the far more important education for a

full life.

Vocational or professional education is obviously essential, but an education which frees men for living — a liberal education — is everybody's business. The staggering political, social and economic problems of the day will find satisfactory solution only by men and women who have learned the value of this kind of education.

Liberal education covers a broad field and its aims are not readily defined. One primary goal surely is the search for knowledge of oneself, of others and of the physical world around us. Basic is the eternal quest for the meaning of life itself. The liberally educated man will also require the skill to think, in both a well-informed and disciplined way. Finally, he will acquire attitudes and values which reflect the probing, mature mind.

#### Science and Liberal Education

Is a knowledge of science an essential part of a liberal education? If the previously stated goals are accepted, then science is obviously one aspect of a general education.

A wholesome appreciation and understanding of general science should prove a bulwark against the tide of pessimism which seizes today's reader of startling world events. It seems to have become fashionable to be bewildered by them.

But the purpose of a liberal education is to free men, because they are seekers after truth. A democratic society requires this earnest search for truth on the part of the individual, for democracy is a process, not a single isolated achievement. It often loses ground and is rewon; it needs testing and re-examining. In a democracy, then, some differences we learn to resolve; other differences, let us hope, we learn to appreciate and live with.

In our day the resources for a liberal education are varied,

#### Education Rewards Cumulative

The rewards of a liberal education are cumulative; we benefit in our senior years from all that has gone before. A striking example may be given of what one man has done, and what another might have done with his hours for personal development. What did Sir Winston Churchill and Charles Darwin think of the uses of a liberal education?

Churchill reflects on his early manhood as a period when he developed an unusual appetite for such interests as reading and art. Later, in the midst of a life weighed down with enormous public responsibility, Churchill found time to paint. And for him one life-time is not sufficient. He once said "When I get to heaven I mean to spend a considerable portion of my first million years in painting and so get to the bottom of the subject."

And Churchill was concerned with all forms of liberal education. "I have no doubt that men and women earnestly seeking to be guided to wide knowledge in its largest sphere will make the

stimulating and rich beyond description. We owe much to improved communication. New interest is breathed into past history. The theories of great economists and scientists are discussed over radio and television in the quiet of our homes. The creative arts are realizing, as never before, their unique capacity to bind together all humanity.

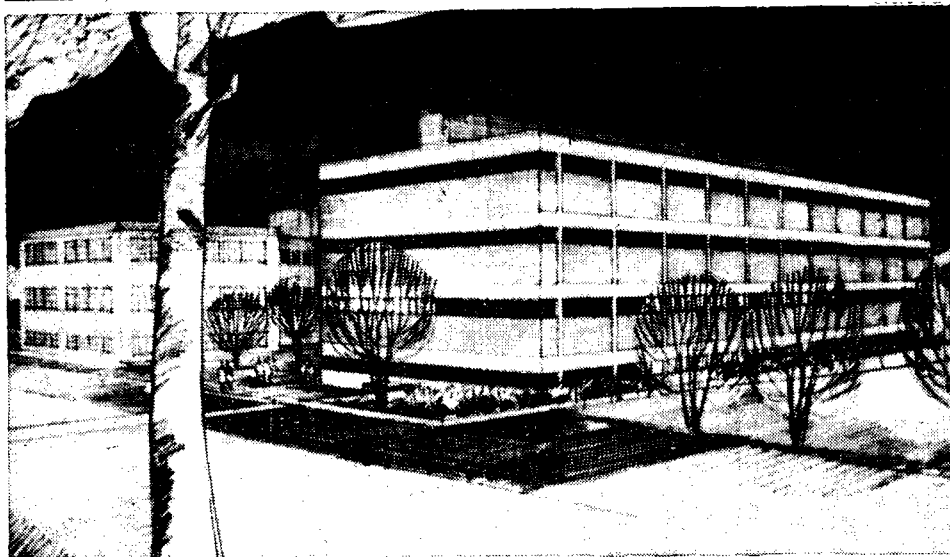
The services of universities attempt to reach out to Canadians everywhere. There are the opportunities for adults in this province to continue their spare-time education through evening classes, short courses and "living-room learning." More British Columbians each year are discovering the rewards of attending University amid the magnificent summer setting of our own campus. The number availing themselves of all these opportunities runs into some thousands. This number will have to increase greatly however before we can presume that the people of this province really believe in lifelong education.

best of all pupils in this age of clatter and buzz, gape and gloat."

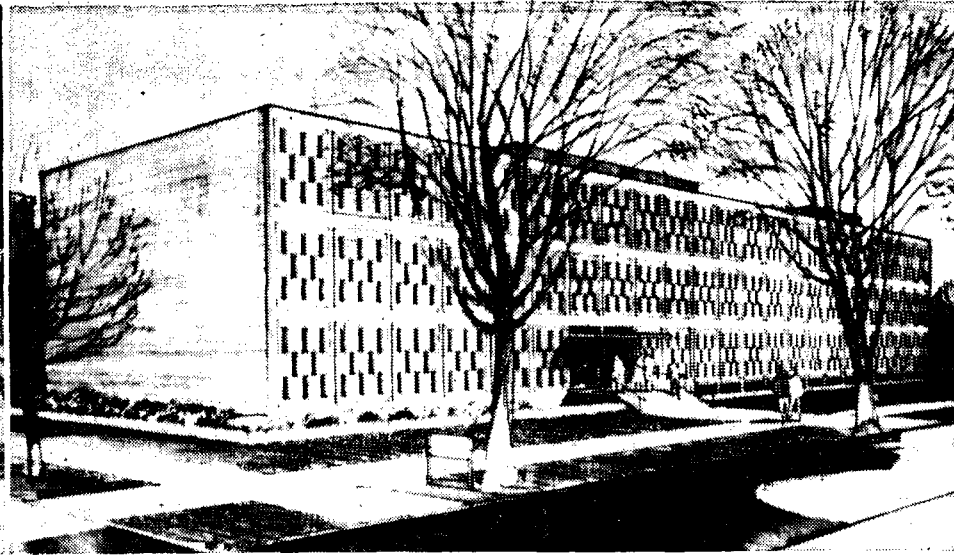
And what of Charles Darwin? Late in life he saw his life so crammed with scientific study that the arts held no interest for him. "My mind seems to have become a kind of machine for grinding general laws out of large collections of facts. If I had to live my life again I would have made a rule to read some poetry and listen to some music at least once every week; for perhaps the parts of my brain now atrophied would thus have been kept active through use. The loss of these tastes is a loss of happiness."

At a time when we are endeavoring to discover and educate the best minds in the community, adults might ask themselves how they, at whatever age they are, can enrich a culture that will consider it natural to strive for standards of excellence in everything. Such a society will rightfully lay claim to greatness, for it is a nation of liberally educated people.





**FOUR-STOREY ADDITION** to present Biological Sciences building should also be ready for occupancy in September, 1959. The \$1.1 million addition, which will be connected to present building by a three-storey link, will ease overcrowding and provide more laboratory and research space. Funds for the additions will be made available from the UBC Development Fund and grants from the provincial government.



**CHEMISTRY DEPARTMENT** will expand into two new additions to their presently overcrowded building in September, 1959, if construction contracts are completed on time. Artist's sketch shows the south addition to the building which will house undergraduate labs and classrooms. Addition on north will house graduate facilities. Cost of the additions, including services and equipment, is \$1.6 million.

## DEVELOPMENT PLAN UNDERWAY

# University Forges Ahead On New Building Program

The massive building program designed to give the University a new look is underway.

Money will come from the UBC Development Fund, which will be matched by the provincial government and other grants.

Before the summer is out contracts valued at \$4.7 million will be awarded for additions to the biological sciences and chemistry buildings and the first unit of the men's residences.

One of the four blocks which will comprise the first unit of the men's residences is already under construction on Marine Drive. Contracts for three other blocks and a central dining and recreation building will be awarded in June.

The entire unit will be in full operation in September, 1959. Accommodation will be available

at that time for 400 male students. Total cost of the unit is \$2 million.

Tenders for the four-storey addition to the biological sciences building will be opened in the first week of June. Construction will start immediately on the \$1.1 million addition and should be complete by September, 1959.

Construction on two additions to the existing chemistry building will probably begin during June. The additions, on the north and south ends of the present building, will cost \$1.6 million.

South wing will accommodate labs and classrooms for undergraduates while that on the north will house graduate labs and offices. Expected completion date is September, 1959.

A \$2 million medical sciences building, to be constructed opposite the War Memorial Gym-

## STOP PRESS

Grants of \$750,000 for a new library wing and \$185,000 for men's residences at UBC were announced by the Canada Council as UBC Reports went to press.

The grant for the library wing means that UBC now has \$1,500,000 available for this project. During the UBC Development Fund industrialist Walter Koerner donated \$375,000 which will be matched by the provincial government.

nasium, will allow the University's medical school to vacate the huts which they presently occupy.

Contract for the four-storey building will be awarded in January, 1959.

## LIBRARY PLANS

Currently in the planning stage is a new wing for the University Library and tenders may be called for the badly-needed addition next March.

The new wing will house an undergraduate reading room and an open shelf collection of 40,000 books. Wing will also contain a science reading room, space for special collections and additional stack space.

Summer work to be carried out by the University's department of buildings and grounds includes the installation of services and utilities worth \$250,000.

Meanwhile, construction continues on three other campus structures.

• The new faculty club, now 30 per cent complete, should be open in December.

• International House will be open when the winter session begins in September and is currently 50 per cent complete.

• Row Housing for faculty on Toronto Road, costing \$200,000, is 60 per cent complete and will be in operation in September.

The University also plans to clear 100 acres of undeveloped land to make way for a new botanical garden.

## OUTDOOR LABORATORY

The garden, to be located on Southwest Marine, will contain a collection of trees and shrubs native to B.C. and exotic flora from all over the world. Area will also be used for courses in landscape architecture, floriculture, silviculture, tree and plant breeding, ecology and entomology.

## Victoria College

# Three Win Grants For Research

Three members of the staff of Victoria College will travel abroad this summer and during the coming year to carry out research projects.

Dr. Gwladys Downes, associate professor of French, has received a grant from the Humanities Association of Canada to continue her work on the French writer Paul Valéry. She will spend the coming year in England and France.

Dr. R. G. Lawrence, assistant professor of English, will do research on the plays of Thomas Middleton and William Rowley in England during the coming year.

Dr. G. L. Tracy, assistant professor of German, will spend the summer in Germany where he will work on a descriptive syntax of contemporary standard German.

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Victoria College completed its most successful year in athletics when basketballers brought home the Dominion Junior Championship for the boys and the Provincial Championship for the girls.

## U. K. Films

B.C. film users may now obtain United Kingdom Information Service films direct from the University of B.C.

UBC was recently made western distributor for the films which formerly had to be obtained through a central library in Ottawa.

## Faculty Activities

# Faculty Receives Aid for Research, Travel

Nine members of the faculty have been awarded Canada Council grants for further studies and research projects.

Prof. R. W. Watters, English department, was awarded a senior fellowship, and Prof. G. L. Bursill-Hall, department of romance studies, a pre-doctoral fellowship.

Short term grants were given to Dr. K. D. Neagele, and B. R. Blishen, department of anthropology, sociology and criminology; R. P. Dore, Asian studies; Miss Marketa C. Goetz, department of German; H. V. Livermore, romance studies; Dr. Stanley Z. Pech, Slavonic studies; and Dr. Avrum Stroll, philosophy.

A. W. R. Carrothers, associate professor of law, was elected president of the Faculty Association at its annual general meeting.

Dr. K. D. Neagele has been awarded a Ford Foundation fellowship to attend the Centre for Advanced Study in the Behavioral Science at Stanford University.

Dr. Jack Halpern will receive \$8,200 from the Petroleum Research Fund of the American Chemical Society for research which will provide fundamental information of importance to the petroleum industry and to certain metallurgical industries.

Dr. Harold C. Clark, assistant professor in the department of chemistry, has been awarded a \$3,750 grant by the Research Corporation of America for researches in inorganic chemistry.

The staff of the department of zoology plans to honor three of its pioneer zoologists by making their names a part of the new wing of the biological science

building.

The department is recommending that the new wing be called The C. McLean Fraser Building, as a tribute to the first head of the department. An office and a research laboratory are to be known as the W. A. Clemens Rooms, in honor of the man who guided the department through the second phase of its development. The department's collection of some 350,000 named specimens for whose assembling Dr. Spencer was responsible, is to be housed in a spacious area on the fourth floor to be known as the G. J. Spencer Entomological Museum.

Dr. Spencer was recently elected an honorary member of the Entomological Society of Canada.

Prof. J. Lewis Robinson, chairman of the division of geography, has prepared articles on Canada and Canadian resources for the Encyclopaedia Britannica and the Britannica Junior.

# Two-day Course May Be First of Many at UBC

Extension department officials will create a weekend discussion center at UBC if a pilot course on current international affairs is successful.

The current affairs lectures, on May 17 and 18, may be extended to cover a variety of topics ranging from the arts to contemporary sociological problems.

A reception at Mary Bollert Hall, where participants will stay during the weekend, will open the current affairs series. Those attending the course will have an opportunity of meeting the instructors at the function.

Saturday and Sunday will be devoted to four two-and-a-half hour sessions. Dean F. H. Soward, head of UBC's history department and a former member of the Canadian delegation to the UN will discuss "The international outlook" at the first meeting, Saturday morning.

Emphasis will be placed on discussion during the lectures.

## Polio Foundation Aids University

A grant of \$650 from the B.C. Polio Foundation has enabled the University to carry out an extensive polio immunization program.

Dr. A. K. Young, head of the University's Health Service, said the grant covered the purchase of syringes and needles which were necessary to immunize 4000 students.

The program started in May, 1957 and a second vaccination, completing the immunization, was administered recently.

Dr. Young said that without the grant from the Polio Foundation he doubted if the University could have carried out such an extensive program.

## Summer Session Ready for Record Enrolment

A record credit course enrolment of 4,000 students is expected at UBC in Summer Session, July 7 to August 21, Dr. K. F. Argue, director of Summer Session, predicts.



JOHN REICH

### Broadway Stage Director at Theatre School

Distinguished Broadway stage director and head of the Goodman Memorial Theatre in Chicago, Dr. John Reich, will be guest director at the University's Summer School of Theatre, July 7 to August 23.

Dr. Reich will direct the famous Salzburg version of Hugo von Hofmannsthal's "Everyman" in the UBC Auditorium, August 12-16. Canadian actor, Leo Ciceri, who has recently appeared in productions in New York, London and Stratford, England, will play the leading role. He is currently active in Canadian radio and television in the east.

In his native Vienna, Dr. Reich was stage director of the Austrian State National Theatre, and at Max Reinhardt's famed "Theatre in der Josefstadt" as well as at the Salzburg Festival.

A "pioneer" in off-Broadway and early TV drama, he has directed English versions of "Faust" and Schiller's "Mary Stuart," both of which won wide acclaim; Euripides' "Hippolytus," George Bernard Shaw's "Mrs. Warren's Profession" and Somerset Maugham's "The Sacred Flame." Among Dr. Reich's latest Broadway ventures was a new version of Pirandello's "Henry IV," starring Burgess Meredith.

The production of "Everyman" is included in the first Vancouver International Festival program.

### Noted Author to Teach in Summer

Walter Havighurst, research professor of English at Miami University, Oxford, Ohio, will instruct a senior course in fiction writing and criticism at Summer Session.

Mr. Havighurst has been a staff member of the Breadloaf Writers' Conference, Rocky Mountain Writers' Conference, and Indiana Writers' Conference.

He is the author of several books and a frequent contributor to national magazines.

### Potters to Learn Kiln Building

A unique course for practising potters entitled "How to Build a Kiln" will be given at the Summer School of Arts and Crafts. Instructor is well-known B.C. potter David L. Marlon-Lambert.

"Although about two-thirds of our students will be teachers, our courses are mostly in arts and science," Dr. Argue says.

Approximately one-third of the 170 courses given will be in education.

Registration must be completed by June 10th instead of the first day of Summer Session as in the past.

Indicative of the volume of students expected this summer are preparations for six sections of English 100, and five sections of English 200.

The school of home economics has doubled its offerings; six courses in music will be available compared to four last year; and two courses in social work will be available for the first time.

Several outstanding lecturers will be at UBC to teach in the geography department which has expanded its courses from four to six for the summer.

Courses will be given by Prof. R. B. Batchelder, Boston University, Prof. Archibald Macpherson, University of Edinburgh, Prof. Austin Miller, head of the department of geography, University of Reading, England, and Prof. R. C. Estall, London School of Economics.

Prof. R. C. Honeybone, of the Institute of Education, University of London, will give a course in research in methods of teaching geography, Education 508.

## Wide Range of Topics in Summer Lecture Series

A panel on contemporary theatre and a critics symposium highlight a stimulating program of lectures arranged by the Extension Department for July and August.

### Malaya Subject Of 5-Day Seminar

The Malayan Ambassador to the United States, Dr. Ismail bin Dato' Abdul Rahman, will be among distinguished personalities taking part in a Seminar on Malaya July 28 to August 1 arranged by the Extension Department.

Dr. Rahman will be accompanied by Mr. Ismail bin Mohamed Ali, Malayan minister.

Others taking part are Miss C. M. Turnbull, department of history, University of Malaya, Mr. M. P. Carson, Canadian trade commissioner in Singapore and Dr. F. McCombie, department of health and welfare, Victoria, B.C.

Conducted along the lines of last year's highly successful seminar on Japan, the seminar will consist of a series of morning and afternoon lectures followed by general discussions and study groups on particular aspects of Malayan affairs.

General chairman of the seminar is Gordon Selman, assistant director of the Extension Department.



IT'S TOUR TIME again at UBC and many groups of elementary and secondary school children will be visiting the campus for a foretaste of student life. These North Vancouver students are shown with Dr. J. B. Brown in the low temperature laboratory in the Physics Building.

### Festival Stars

## Music Program Features World-Famous Artists

The world renowned Festival Quartet, consisting of Victor Babin, Szymon Goldberg, William Primrose and Nikolai Graudan, will conduct master classes in chamber music at the Summer School of Music.

These distinguished artists will be featured guests of the Vancouver International Festival. Their three-week series of master classes for professional and advanced musicians, July 21 to August 9, will include both individual and ensemble instruction. **GUEST DIRECTOR**

Guest musical director for the

Summer School of Music will be George Schick, music co-ordinator for the television opera company of the National Broadcasting Corporation. He will instruct students in opera and conduct the University Chorus, in addition to directing three one-act operas to be presented at the conclusion of the school.

Triple opera bill will be made up of "Lantern Marriage" by Jacques Offenbach, "There and Back" by Paul Hindemith, and the world premiere of "Sganarelle" by Walter Kaufmann.

Mr. Aksel Schiotz will conduct individual and master classes in interpretation of lieder and concert literature and in vocal techniques.

### LIEDER RECITAL

Mr. Schiotz, presently teaching at the University of Minnesota in Minneapolis, will give a lieder recital on August 13 as a guest artist of the Vancouver International Festival.

The program for the Summer School of Music has been arranged in consultation with Mr. Nicholas Goldschmidt, now Artistic and Managing Director of the Vancouver International Festival, who has directed the School for the past eight years.

## Addresses Roll in

The Alumni Association has received addresses for several hundred graduates during the year we have been running this column.

In anticipation of continued good results here is another list. Degree and year of graduation follow name.

Mrs. Thomas Easterbrook (Dorothy M. Walker) BA '33; Helen Mavis Eastham BA '39; Gladys Rae Eckford BA '50.

Allan H. Eden BSA '28; Beth E. Edwards BA '45; Frederick H. Edwards BSc '49; Joan Elizabeth Edwards BA '31; Dr. Thomas Joseph Egan BA '48.

Alexander Victor Ellanski BSF '53; Frederick W. Elley BASC '27; Edward D. Elliott BA '47; Francis J. Ellis BASC '41; Madeleine B. Ellis BA '36, MA '37; Florence Ruth Ellison BA '31; Shirley E. Ellison BA '50.

Joseph E. Elson BASC '50; Jesse R. Esler BA '37; Colin G. Evans BCom '50; Donald C. Evans BASC '43.

Eldred Keith Evans BA '36; G. A. Fahlman BA '48; May Fairfoul BA '33; Joseph G. Falconer BASC '26; John L. Farrington BASC '28; Allan P. Fawley BASC '37; Roman Fedoroff BSA '34.

Mrs. Anne (Horne) Femets BA '46; John C. Ferguson BA '44; Eleanor J. Fergusson BA '49; Mrs. Margaret Jean Ferry BSW '50; Marion C. Field BA '39; Marguerite L. Finch BA '42; Mrs. H. Fink (Irene R. Steiner) BA '46.

James A. D. Finlay BSW '47; Mrs. F. D. Finlayson (Beverley J. Adams) BA '44; Lorna Alice Fleming BSW '51; Marion Katherine Fleming BA '40; Helen Vera Fleming BA '40; Christie Wm. Fletcher BCom '35; Sheila F. Flight BA '50; Frederick Wm. Flowers BA '50; Marion B. Floyd BA '51.

Richard Gordon Foolkes BA '50; Kathleen Patricia Ford BA '48, BSW '49; Hugh L. Forrest BA '48; Barbara S. Forrester BCom '48; Beatrice Elaine Forsyth BA '48; Winston M. Foster BCom '48; Cyrille Fournier BA '53; Mrs. R. P. Cotterell (E. I. Fournier) BA '20; Mrs. Gwendolynne Fouty (Richardson) BA '49, BSW '50.

Dorothy McL. Fowler BA '35; Priscilla Ida Fox BA '40; Joseph D. Foxcroft BA '47; Margaret V. Francis BA '43; Donald A. Fraser BASC '45; Joseph Gordon Fraser BA '19; Aylmer E. Frederick BA '51; Grace M. Freeborn BA '27; Maurice Freeman BA '26.

## Extension Appoints Conference Manager

Gordon Selman, assistant director of the Extension Department, has been appointed full-time conference manager to supervise 40 conferences to be held at UBC this spring and summer which officials estimate will be attended by more than 10,000 people.

Appointment was necessitated by the growing demand from organizations outside the University to provide conference facilities.

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