

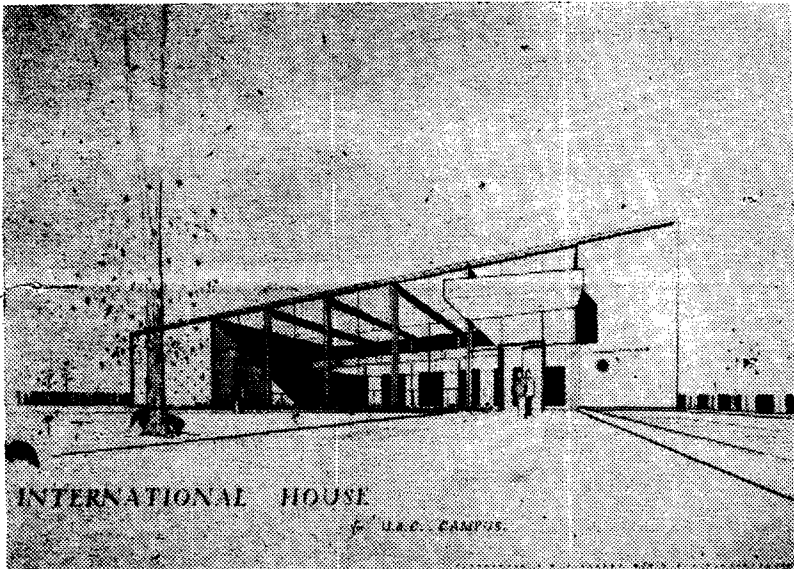
U.B.C. REPORTS

UNIVERSITY OF BRITISH COLUMBIA, Vancouver 8, B.C., is a provincial, coeducational university of 5,800 students.

Norman A. M. MacKenzie,
President.

FEBRUARY, 1955

Ten Million Promised For University Expansion



Plans have been completed for the first \$150,000 unit of Vancouver Rotary's International House, the project chosen to mark the golden anniversary of the service club. Need for a permanent International House has long been felt at the University which draws students from all over the world.

Alumni Kick Off 1955 Campaign For University Development Fund

First week of the 1955 University Development Fund drive has brought in \$6,544.37 from Alumni and "Friends of the University" in Australia, British Guiana, the United Kingdom, France, the Persian Gulf, West Indies, United States and Canada.

Major objects of this year's "United Appeal" are scholarships, student residences and the President's Fund, a sum of unallocated money used to meet a variety of urgent needs. At least thirty more degree group projects are also covered by the fund.

Although no target amount has been specified by Development Fund directors, they are hoping to raise \$75,000. Last year's total was \$50,000—\$23,000 from alumni and the balance from business concerns and "Friends."

Alumni Secretary Art Sager reports that the Association is hoping to increase the number of company scholarships sponsored by local firms benefitting directly and indirectly from University services. Ten regional scholarships for first-year students are now awarded by UBC alumni.

part of the drive to reorganize alumni records and mailing lists. The Association will soon install a McBee Keysort Card System, the method of record-checking now in use at many major Canadian and U. S. universities.

Membership promotion and reactivation of alumni branches are also soon to be undertaken by Thunderbird alumni. Canada now has 13 UBC alumni branches, the U. S. has four, and the United Kingdom, one. New groups may be established in New York, Jamaica and other foreign countries.

University Club

C. H. Wills '49 heads the University Club committee, which plans to establish a downtown centre for graduates, professional and business men interested in the University. A survey to determine local interest will be conducted, and members are hoping for a site decision soon.

The Alumni Association has raised nearly \$1,700 for the "Rebuild the Brock" fund with a \$1 appeal to graduates. More than one thousand alums responded. The Association has approved the second swimming pool plan and the Rotary International House Project. Members have been active on committees for both projects.

The University of British Columbia begins a new era of expansion this year as it launches a \$10,000,000 ten-year building program announced by Lt.-Gov Clarence E. Wallace in the speech from the throne at the legislature opening. Experts predict that university enrollment will increase from nearly 6,000 to 10,000 students by 1965.

University architects will be asked to begin plans immediately for a new Arts Building, a \$2,000,000 Medical Sciences Building and \$2,000,000 student residences. Tentative sites have been discussed, but University President Norman A. M. MacKenzie said Tuesday that another study of possible locations may be necessary. The Arts Building may be built in the vicinity of the present Women's Gymnasium.

Much-needed expansions of essential services, such as power, heat, streets and sewers will also be provided by the capital grant, Dr. MacKenzie revealed. Expansion of library facilities and a new wing for the Biological Sciences Building may also be considered.

University authorities have asked the government for expansion of campus area from 548 to 1000 acres in order to meet future needs.

Development of the University Endowment Lands into a modern, high class residential property with a shopping centre similar to Park Royal, may also be in the offing, the throne speech hinted. The Endowment Lands were set aside years ago to provide trust fund principal for perpetual endowment of the University.

Data from an extensive survey conducted recently by an eastern town planning firm will be used in the master plan developed by the Provincial Lands Department.

The University campus is now in the midst of nearly 2000 undeveloped acres, running from 41st and Marine, North to 16th, to Blanca and back to Marine Drive.

Financing of a survey preliminary to recommendations regarding possible establishment of a Faculty of Dentistry at the University was also indicated in the throne speech.

Plans to construct a medical building at Vancouver General Hospital and a Home Management House and International House have already been announced by the University.

Harris Wins Prize

A forestry student has given the University its seventh award in as many years in the Western Forestry essay contest, results of which were announced recently.

Peter Harris, a senior and also one of the top track and field competitors on campus, won second prize in the annual essay contest with a paper based on his summer research work in Vernon, B.C.

The University, competing against six western U.S. colleges, has won four firsts and three seconds in the past seven years.

Harris earned a three-week trip to the annual forestry conference in San Francisco as part of his award.

From The President . . .

One of the most difficult problems in an institution as large and

as widely dispersed as the University of British Columbia is that of bringing to the attention of its members the interesting events that occur in its many Faculties and Departments, and as part of the extramural programme.

"UBC REPORTS" is an attempt to do this.

I hope that you find it interesting and useful. I hope, too, that, if you have any suggestions about it, you will write or telephone the Information Office.

In the meantime, I would like to express my thanks to Mrs. Dorothy Coryell and Miss Nancy West for undertaking this venture, and to wish them every success.



Dr. Norman A. M. MacKenzie

Norman MacKenzie.

UNIVERSITY OF BRITISH COLUMBIA

More than 9,000 "lost" alumni are being sought by Barry Sleight '44 and his telephone committee, as

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THE LIBRARY

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Dorothy Coryell and Nancy West,
University Information Office

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QUOTES OF THE MONTH

Dr. Norman A. M. MacKenzie, speaking to the Victoria Chamber of Commerce:

"In this divided world we may not be training as many of our young people at the top level as we should, or as our competitors are:

"If the decision of the future depends on counting heads, those of us in the west would have little hope. It follows, then, if there are fewer of us, each of us must count for half a dozen. We must be trained, educated and developed to the maximum of our capacities."

Dean Geoffrey C. Andrew, Deputy to the President, and Dr. Barnett Savery, Department of Philosophy and Psychology, in a United Nation's Club debate on whether or not "American Democracy is Non-Exportable":

Said Dr. Savery: "American democracy should not be called a democracy, but a system of checks and balances".

This form of government is applicable only in the U.S., he said, seeing "no hope whatsoever for its success in the Far East for instance".

Said Dean Andrew: "American democracy is a very exportable commodity—it is unequalled anywhere in the world in its social quality."

He admitted the economic and political differences might be harder to reconcile with a foreign situation, but felt this drawback was overshadowed by the social side of the American democracy.

Bus Phillips, athletic director at the University, after one awed look at the record-breaking crowd attending Harlem Globe-Trotters' exhibition basketball game at the War Memorial Gym:

"We're balancing the athletic budget right now!"

Prof. Frederick H. Soward, Director of International Studies, speaking to Vancouver Rotary International on "Looking Backward on 1954":

"We need clarity and judgment from our leaders, consistency of purpose in defending freedom, and we must observe comparisons with less fortunate peoples."

Librarian Reports On Current Needs

The University library acquired more volumes in 1954 than ever in its 30-year history, but is still inadequate to meet needs of students and faculty, according to a year-end report.

Librarian Neal Harlow notes addition of 22,000 books, of which 12,500 were bound volumes of scholarship and scientific journals. In a decade, however, the University's full-time faculty has increased 300% and the number of new courses has increased 250%.

Fifteen new subject fields have been added to the curriculum, and Ph.D. studies have introduced 12 new fields. The Library has kept pace in service, but runs a "poor third" to Toronto and McGill in the richness of book resources, Harlow stated.

The University Library is currently rated No. 1 in Canada in many aspects of its service, and No. 2 in the number of students handled each year.

Among recent donors were H. R. MacMillan (Forestry and Canadian History), Leon J. and Walter Koerner (Slavonic Studies, Law, Fine Arts), B. C. fishing industry (Institute of Fisheries collection), B. C. Forest Products Ltd. International Studies, Vancouver Chinese and Italian communities (Oriental Studies and Italian Literature). The University Development Fund continued its vital support and grants were received from the Carnegie and Rockefeller foundations for additions in Slavonic Studies, French Canadiana and anthropology.

Know Your University:

Busy Testing And Counselling Centre Points Way For University Freshmen

A nondescript cluster of olive-green huts on the far corner of the campus is lit by rays of hope, some University students will tell you.

It's here that Col. John McLean has expanded the post-war Veterans' Bureau into the humming hive of activity now called the Department of Personnel and Student Services. Under this series of shingle roofs are such activities as counselling, testing and research; veterans' assistance; reading and special English help; student placement and headquarters for employed staff personnel.

The entering freshman first hears of McLean & Co. right after his graduation from high school. He receives a letter inviting him to participate in an aptitude testing program which will gauge his general academic ability, general mathematical achievement, English placement and general interests. At least 95 per cent of these incoming freshmen respond.

Vancouver students report to the University Auditorium in June for four hours of intensive pencil work. Their out-of-town classmates are tested in the fall. While no compulsion is attached to transfer or advanced students, testing and counselling facilities are always available to them.

The students who duck the testing and counselling services, one assistant pointed out, are usually those with doubtful academic records who may be afraid of discovering the awful truth.

The tests selected and developed by Col. McLean and his staff, A. F.

Shirran, Al Cox and Miss Onesia Crompton, have been built into what is considered one of the leading university testing programs in Canada. A special battery of tests for first-year Applied Science students is now under study at the request of Dean Henry F. Gunning.

Students are encouraged to discuss their test results with the staff of counsellors, and nearly 300 of the 1152 tested last year reported for such discussions. Programs, study habits and orientation come up for survey in these informal sessions, and students are encouraged to return for further chats when the need arises.

Arts majors who fail their Christmas examinations receive a New Year card from the counselling office and an invitation to drop in for help in developing a new set of resolutions. Results of these post-Christmas counselling sessions have been remarkable—nearly 45 per cent of the counselled students show marked improvement.

In time left over from shouldering the cares of Bruce and Betty Co-ed, staff members conduct research on failure rates for counselled v. non-counselled students, urban v. rural freshmen, recommended v. non-recommended students, and outside activities, health problems, living accommodation, lectures missed and study hours in relation to failure.

The results? They're still coming in, day by day, on student feet. Counsellors are sure that the active, interested student is usually the most successful and that there's nothing like going to lectures to help you with your studies.

Geography Text Comes Off Press

A revised text "The Geography of British Columbia," work of two faculty members at the University of British Columbia, is now available to B.C. high school students.

Professor J. Lewis Robinson, chairman of the Division of Geology, and Professor John Chapman, assistant professor in the department of Geology and Geography, prepared the new manuscript. A group of students from the Geography department contributed 35 maps.

The text has been published and will be used as a geography elective course for grade 10 students. Copies are available at the Department of Education in Victoria.

Grad Honored

An honors graduate in forestry engineering, 24-year-old Selwyn Fox of Vernon, has been awarded the \$1,250 Canadian Lumberman's Association Timber Research fellowship for 1954.

Fox is currently at the University of Toronto, working for a master's degree in applied science.



A counsellor never attempts to direct a student, but he often helps the student to find his own way. A. F. Shirran discusses aptitude test results with a University freshman who has taken advantage of the fine testing and counselling services available on the University of B.C. campus.

Extension Program In Full Swing As Spring Classes Get Underway

Classes in subjects from metallurgy to music are on University Extension's spring calendar—with field trips, conferences and tours also scheduled.

A series of eight lectures on recent advances in metallurgy will begin at 8 p.m., Feb. 7 in Engineering 201 under the co-sponsorship of the American Society for Metals and Extension. A. S. M. members may enroll for \$4. Other fees are \$6 for non-members and \$1 for students. Further information may be obtained at University Extension.

A new film, "Science in the Orchestra," illustrating the role of each musical instrument, is now available in Audio-Visual Services. Other recent additions to the film library include "Betty's Fruit Groves," a study of North American fruit farming; "Story of Silver Plate," a step-by-step documentary of metal processing, plus 12 new agricultural films.

The roles in community life open to older citizens are outlined in a series of pamphlets available from the Family Life and Group Development Service. "Live Long and Like It," "When You Grow Older" and "Women Go to Work at Any Age" are offered at small cost to interested individuals or groups. All phases of human relations are covered in the more than 175 books and pamphlets available through this section. Prices range from seven cents to \$1 plus tax.

A course in group leadership for club volunteer workers begins Feb. 1 under co-sponsorship of University Extension, Community Programmes Branch of the Provincial Department of Education and the Group Work Division of the Community Chest and Council. Miss Elizabeth Thomas, Associate Professor of Social Work, will instruct the class which convenes for five Tuesday evenings in the meeting room of the City Social Service Bldg. Course fee is \$1.50. The Family Life and Group Development Service is accepting enrollments.

A short course in elementary statistics and sampling methods for foresters and engineers will be held from March 7-11 at the Youth Training Centre. Classes will meet from 9 a.m. to 5 p.m. daily. Limited housing will be available at the YTC. Registration forms may be obtained from University Extension.

Tentative dates for the annual Audio-Visual Institute for business, industry and education, are March 25-26 in Engineering 200. A series of lecture-demonstrations will cover preparation and use of visual aids. Sessions will run from 8 a.m. to 4:30 p.m. Co-sponsors are the B.C. Industrial Film Council and University Extension.

An attractive 28-page booklet of 12 modern farmhouse plans is now available through Agricultural Services, University Extensions. The booklet was prepared by the Rural Housing Advisory Committee of British Columbia. Prof. Frederick

Lasserre, M.R.A.I.C., director of the School of Architecture, edited the booklet, assisted by Fred C. Le-roux, B.E., M.Sc., and Zoltan Kiss, M.R.A.I.C.

The Canadian Institute of International Affairs has established a study group to discuss problems of the Pacific Area. Dr. Cyril Belshaw, is in charge of the Tuesday evening sessions which begin Feb. 8 in the Extension Lounge.

A new credit correspondence course, Economics 200, has just been completed by Dr. Crumb, Dr. Lewis Robinson, Geography, has finished a revision of "Geography of Canada and the United States".

A new course in Camping Administration, intended for senior staff and members of camp committees, will begin at 9:30 p.m., Feb. 3 in Room 6, Vancouver Normal School. Miss Donna McRae, Secretary of the Community Chest Information Service will coordinate the six Thursday evening meetings. An outstanding group of lecturers will discuss philosophy, leadership, administration, health and safety, business management and needs of the camper.

Meet On Campus

More than 45 staff and student oceanographers from the University of Washington, the Nanaimo Pacific Oceanographic Group, the Pacific Naval Laboratory and the University of British Columbia met on the campus recently for one of the informal discussion meetings of the Pacific Northwest Oceanographers.

An evening symposium on sampling techniques, brief reports on current projects and a discussion of submarine geology, including local problems, were scheduled.



Joe Quan Photo
Mail call is always a welcome break for students in the eighth annual Dominion-Provincial Youth Training School now in session on the campus. School secretary Barbara Shier, left, distributes the latest word from home to Jim Selfe, Victoria, and Bert Prince, Prince Rupert, both of whom are enrolled in the eight-week course.

Current Youth Training School Draws Students From Distant Spots

A 20-year-old German youth who came to Canada on his own four months ago, is on campus today, taking classes with 70 young people from rural communities throughout the province.

Otto Wehner was working on a fruit farm at Osoyoos when he heard about the University's Annual Youth Training School for young people from rural areas. He enrolled in the eight-week course when it opened Jan. 10, and is now taking courses in farm management, motor mechanics, carpentry, horticulture, dairying, public speaking, physical education, blacksmithing, bee-keeping, plumbing, welding and poultry husbandry.

Young people from 16-30 have come from farm communities all over B.C. to attend the annual course. Another "new citizen" is 25-year old Anfinn Simonsen, who came to Canada two years ago from Norway. He is currently living in North Vancouver.

For many of the 71 students, this is the first glimpse of life on a large university campus. They live in Youth Training School dormitories near Acadia Camp, with a dining hall, recreation centre, shops and lecture rooms nearby.

Students pay only \$10 a month toward their room and board while they receive expert instruction in a variety of practical subjects. Travel expenses over \$10 are also refunded by the government.

There are now nearly 800 Youth Training School graduates throughout British Columbia—all of them taking leading roles in their communities. Co-sponsors of the course are the University and both Dominion and provincial Departments of Labor and Education.



Joe Quan Photo
Marion and Veronica, lively twin daughters of Mr. and Mrs. John Bene, launch the rocking boat their father constructed in a University Extension "Toymaking" class. Enthusiastic amateur toymakers have requested another series, so a second course will begin the middle of April. In the meantime, plans for make-them-yourself toys have been included in a new booklet now available through the University Extension for 31 cents.

Social Work Course Class

Miss Anne Furness, School of Social Work, will conduct a course on "The Individual and the Group in Social Welfare" beginning at 9:30 a.m., February 8 at Alexandra Neighborhood house. The course is designed for staff members of recreation agencies. The fee is \$13, and registration blanks may be obtained from the Family Life and Group Development Service.

Home Ec Girls Try Diet Study

By NANCY WEST

The slimmest and trimmest girls on the University of British Columbia campus may well be students in the School of Home Economics—if a new eight-week diet project has the desired results.

A group of 15 overweight coeds has started a 1500-calorie diet under supervision of Home Ec instructor, Miss Marion Seymour. Five other students are keeping charts on their slimming girl friends.

Before-and-after pictures will be added to the file folder on this Home Ec experiment, and when all results are in, the girls will compile a research paper on the project.

The diet project is one of 13 laboratory schemes initiated by pert, pretty Miss Seymour in her Home Economics' 303 course. Her class of 50 girls has undertaken minor research work in every phase of nutrition.

A group of nine students is working under Dr. A. J. Wood in the Animal Husbandry department, studying the effects of inadequate feeding on rats. This class will conduct eight weeks of research in the Animal Science Laboratory.

Miss Seymour has launched a third lab project to determine students' likes and dislikes in vegetables. A corps of girls keep a check in the dining-room Acadia Camp, clocking each plate of food served, then rechecking the empty plates on their return.

"We have two reasons for conducting these lab classes," Miss Seymour said. "We want students to understand the importance nutrition plays in our daily life, and we would also like them to become thoroughly familiar with the scientific method of research."

Miss Seymour is on her second year of teaching at the University. A graduate of the University of Manitoba, she took her M.S. and a dietetic internship at Ohio State University.

To Discuss Art

Dr. Ernst Scheyer of Wayne University, former curator of the Cologne Museum in Germany, will speak on "The Horror Vaccui Principle in the Carvings of the Pacific" at noon, Feb. 15 on the campus. Dr. Scheyer is the author of several books and will be traveling to Eugene, Oreg., to deliver the principal address at the Northwest Sculptors' Conference.



Joe Quan Photo

Still raising the roof—the Brock Hall roof—is the Department of Building and Grounds. They have set April as the target date for completion, just in time for the Board of Governors' tea. It's been "business as usual" in Brock since December, when the Alma Mater Society and Alumni Association moved back into their offices. A few minor repairs are still being completed, but the lounge and roof remain as the only obvious mementoes of the disastrous fire.

Fine Arts Calendar For February

Feb. 3—Readers Workshop, 12:30 University Auditorium. "Under Milkwood", last completed work of Dylan Thomas, read by University of Washington Student group.

Feb. 3—English Dept., University Auditorium. Reading of G. B. Shaw's "St. Joan".

Feb. 8—Noon, Arts 204, lunch-hour talk on Maxim Gorki by Alexander Wainman, Slavonic Studies.

Feb. 22—Noon, Arts 204, lunch-hour talk on Alexis Tolstoy, by Peter Isaac, Slavonic Studies.

Feb. 12—9 a.m. - 4 p.m., Women's Gym, modern dance.

Feb. 13—1 p.m. - 5 p.m., Women's Gym, modern dance instruction for beginning classes.

Feb. 24—12:30, Women's Gym, UBC Dance Club annual recital.

Feb. 12—Woodblock prints of Leona Pierce, Fine Arts Gallery.

Feb. 15-26—Goodridge Roberts' retrospective originals of Emmet cartoons from "Punch", Fine Arts Gallery.

Feb. 3—1:30 p.m., Room 852, Lib-Library, informal talk by internationally famous architect Eero Saarinen.

Commerce Group Plans Dinner

One of the top management consultants in Canada and the U.S. will be guest speaker at the 14th annual School of Commerce banquet to be held in the Hotel Vancouver Feb. 24, at 6:15 p.m.

Dr. Dwight Palmer, manager-owner of Dwight Palmer and Associates and a member of the faculty of the Banff School of Advanced Management, will speak on management policies and problems.

A graduate of Pomona College in California, Dr. Palmer took his M.A. at the University of Chicago and his Ph.D. at Stanford University. He spent three years in post-doctoral research in management policies and labor relations in Great Britain, then returned to the U.S. to instruct at the Massachusetts Institute of Technology, the California Institute of Technology and the University of California.

The banquet, major "town-and-gown" event of the year for Commerce students, is sponsored by the School of Commerce Undergraduate Society, the Vancouver Board of Trade and the Canadian Manufacturers' Association, B.C. Division.

Dr. Lawrence McHugh, director of the Virginia Fisheries Research Laboratory, West Point, Va., visited the campus last week as a guest of the University Fisheries Institute.

Basketball Clinic Hosted On Campus

A record turnout of 65 coaches from high schools and commercial leagues throughout the lower mainland attended the University's fourth annual basketball clinic, held on campus in mid-January.

Jack Pomfret, Thunderbird coach, and Bus Phillips, athletic director, planned the clinic, which was co-sponsored by the University Athletic Department and the Canadian Association for Health, Physical Education and Recreation.

Phillips reported the two-day meeting the most successful one to date, attracting visitors from schools all over the Fraser Valley.

Two top coaches, George "Porky" Andrews of Victoria, and Bill McDonald, head coach at Western Washington College, were clinic instructors.

Research Grant

New equipment for use in advanced research, including work on the chemical origins of cancer, has been purchased by the Department of Chemistry at the University.

The equipment, first of its kind in Canada, is known as a nuclear resonance spectrometer. A \$33,400 grant from the Research Council of Canada has made the purchase possible.

The spectrometer has been ordered and should be delivered within three months, according to Dr. Cyril Reid, Associate Professor of Chemistry. Only a few similar pieces of equipment exist, such as those used at Stanford and Illinois.

Dr. Reid said the spectrometer permits scientists to investigate chemical structure in solution where older x-ray methods are powerless.

He said the equipment should increase the scope of advanced graduate work at UBC and should attract more doctoral and post-doctoral students to the campus.

At Dietetic Meet

Miss Charlotte Black, Director of Home Economics, and Miss Mary Holder, Associate Professor, participated in the Jan. 22 and 23 conference of the Canadian Dietetic Association at Vancouver General Hospital. Miss Holder is vice-president of the association, and Miss Black is a member of the Board of Directors.

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