



**INTERNATIONALLY RENOWNED** sculptor Alexander Archipenko discusses workmanship with student Marianne McRae during his sculpture classes at UBC Summer School of the Arts. Mr. Archipenko, director of Archipenko Art School in New York, is regarded as the "Picasso" of modern sculpture.

## Summer session offers stimulation

World famous instructors, top calibre musical and dramatic performances and solid academic achievement have combined to make this year's summer session not only the largest but the most stimulating in UBC's history.

Climaxing a busy summer will be a full scale presentation of Mozart's comic opera "Cosi Fan Tutte" in the University Auditorium August 27, 28, 29 and 31.

Producer and director for the opera is Hans Busch, opera teacher at Indiana University and UBC's Summer Session teacher of acting for opera. This summer he received his appointment as stage director to the Metropolitan Opera Company in New York for the 1956-57 season.

## Freshmen to get counselling tests

Out of town students planning to attend the University of B.C. this fall may write aptitude tests on Monday, September 17, the day before registration.

The tests, which include tests of ability, interest and achievement will be given in the UBC Armouries, starting at 1 p.m.

The services of the counsellors are not limited to incoming freshmen. At any time a student may drop in to see a counsellor for assistance or information related to any aspect of his life at the university.

## 7200 students expected

An estimated 7200 students are expected to register for courses at UBC next month. Last year's registration total was 6400.

Musical director for the opera and director of UBC's Summer School of Music is Nicholas Goldschmidt who has been appointed artistic director of the B.C. Centennial Arts Festival.

In other fields too, excellent instruction has been available for students in both credit and non-credit courses.

### PICASSO

Alexander Archipenko, "the Picasso of modern sculpture" for sculpture classes; world renowned art critic Sir Herbert Read for art appreciation and criticism lectures; Dr. W. E. Blotz for child psychology and education courses; Aksel Schiotz for instruction in Lieder singing and Canada's own Lister Sinclair for creative writing classes are examples of some of the "top names" brought to Vancouver for the Summer Session.

Mr. Sinclair, a UBC graduate, received further honor this summer when commissioned to write a play for the B.C. Centennial celebrations.

(Please turn to page 3)  
See SUMMER

## Commerce school becomes faculty

The University of B.C.'s tenth faculty was added this summer with the creation of Canada's largest Faculty of Commerce and Business Administration.

## \$25,000 gift boosts fund

An anonymous donation of \$25,000 from a University of B.C. graduate has boosted the total of funds collected this year by the University Development Fund to \$76,500.

Objective for the 1956 campaign of the Development Fund is \$100,000. Total for 1955 was \$80,000.

To date 1750 graduates and 163 non-graduates have contributed to the fund, including 500 graduates who had not previously contributed to their Alma Mater.

The \$25,000 anonymous donation was given to set up special projects in engineering.

\$21,000 of the funds collected has been earmarked for research and \$12,700 has been contributed for scholarship funds.

Another \$5,800 has been given for special objectives of the fund such as the Brock Hall building extension fund, the President's fund and the rowing fund. \$12,000 has come in unallocated monies.

Contributions to the University Development Fund should be sent to the UBC Alumni Association, Brock Hall.

## Dental report urges faculty

The early establishment of a Faculty of Dentistry at the University of British Columbia was recommended by Dr. John B. Macdonald in a 105 page report of dental education recently published by the university.

Dr. Macdonald is Chairman of the Division of Dental Research, Faculty of Dentistry, University of Toronto, and Consultant in Dental Education to the University of B.C.

He estimated that capital costs for a Faculty of Dentistry would be about \$1,750,000 and that net annual operating costs would reach \$280,000 per year by the time the first class in dentistry graduated.

Dr. Macdonald recommended an annual graduating class of 40 dental students plus an annual class of 20 dental hygienists to meet the present need for dentists in British Columbia.

### SERIOUS SHORTAGE

"There is clearly a serious shortage of dentists in Canada. The population has increased by five million since the last of Canada's five dental schools was fully organized in 1926", he says in his report. There have been no dental schools organized since that date, 1926.

"There is an acute shortage of dentists in the rural areas of British Columbia. The average annual increase (of dentists) is only thirteen—

(Please turn to page 4)  
See DENTISTRY

Prof. E. D. MacPhee, Honorary Bursar of the University and formerly Director of the School of Commerce has been promoted to the post of Dean of the new faculty.

Dean MacPhee came to UBC in 1950 to head the newly formed school of commerce in the faculty of arts and science and in the past six years has expanded the teaching of commerce to its present status.

### CANADA'S LARGEST

The newly formed faculty has the largest enrolment in commerce and business administration in Canada and is the third largest faculty on the UBC campus. This year 530 students were registered for the Bachelor of Commerce degree.

A graduate of Acadia University and a veteran of World War 1, Dean MacPhee taught psychology in Acadia, Alberta and Toronto Universities after graduate work at the University of Edinburgh. In 1929 he became Comptroller of the York Knitting Mills.

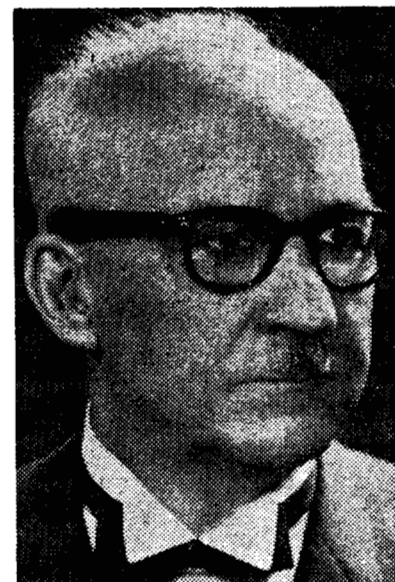
From 1930 to 1950 Dean MacPhee became involved in a variety of business and industrial activities in Canada and England. He became Chairman, President or Managing Director of operating companies in textiles, leather goods, aircraft and chemicals. He helped to form and was Director of two firms of industrial consultants, J. D. Woods Co. (now J. D. Woods and Gordon of Toronto) and Production Engineering of London, England.

### TRAINING ON THE JOB

In addition to the regular classes for B.Com. degree students, the former School of Commerce developed programs for certificate-granting bodies, whose members are "training-on-the-job".

A total of 1400 students attended evening classes in 1955-56 for Certified General Accountants, Society of Industrial and Cost Accountants, Sales

(Please turn to page 3)  
See COMMERCE



E. D. MACPHEE  
... more work

# U.B.C. REPORTS

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## Annual report reaffirms UBC's open door policy

The University of B.C. will continue to open its doors to any person in the province who can profit by a university education, President N. A. M. MacKenzie says in his tenth annual report.

In a novel annual report which studies the trends of University development of over past ten years in office, President Mackenzie outlines the policies and plans underlying the growth of the University and indicates the direction in which the University is heading in the next ten years.

He describes recent developments at UBC as "the beginning of a substantial development in the variety of teaching and research activities—a development that is likely to continue for a long time to come.

"Since 1945 we have added the Faculties of Law, Medicine, Forestry, Pharmacy and Graduate Studies. We have added courses, staff and research facilities, professional schools and institutes."

**TWO PRINCIPLES** the president has followed in the development of the university are repeated in his report: "I remain fully committed to the principle of making higher education generally available to as many people as are able to profit by it. I also believe that universities must combine tradition with flexibility."

Speaking of the purpose of the University Dr. MacKenzie list three basic areas of endeavor: "teaching, research, and service to the community appropriate to an academic institution."

In the section of the report dealing with the faculty of Graduate Studies, he says, "The time has now come to pursue a vigorous program of development in graduate work, without sacrificing any of the standards and reputation we have achieved."

"So far the general policy facilitating graduate work has been deliberately conservative. Our first concern has been to maintain high standards. The standing which our students have achieved suggests that our caution was wise in the circumstances.

"I hope we can achieve a better balance between the opportunities for graduate instruction and faculty research in the physical sciences and humanities, or the biological and the social sciences."

In his report, Dr. MacKenzie expresses the hope that by 1975 "we shall have enough permanent buildings to replace all of the huts we now occupy." There are still some 300 temporary huts used for lecture and laboratory space on the campus.

"Last year we received and spent over \$6,000,000. Ten years ago our budget was about \$800,000. During those years the costs of living and learning have risen steadily and steeply. Within that period our student body, leaving aside the veteran enrolment, has almost tripled.

"In 1944-45 we spent just over \$15,000 on research, last year we spent half a million. During the next ten years we hope to and must spend even more".

**OUTLINING PLANS** for the next ten years Dr. MacKenzie says, "We shall continue to provide for any and every person in this province who seeks a university education and has the qualifications necessary for admission. We shall continue to maintain a balance between general and professional education, undergraduate teaching and graduate work and research, between extramural and intramural enrolment.

"The fairly immediate future will, in addition, bring new developments in the following general areas: the arts, the social sciences, professional and graduate training and residential life.

"Music and the fine arts deserve a larger and more formal place in the curriculum of the Faculty of Arts and Science. As our fields of professional training expand to include dentistry, physiotherapy and others, so must our resources for graduate work in the 'pure' sciences and the humanities."

## Commerce faculty benefits community

By E. D. MacPHEE

Dean of the Faculty of Commerce and Business Administration

The organization of the tenth Faculty in the University of British Columbia, under the name "Commerce and Business Administration" has been noted elsewhere in this issue. "Commerce" was started as "Commerce" courses, within the Department of Economics, less than thirty years ago, was organized as a separate "Department" in 1939, and a "School" in 1950. The governing bodies of the University created this separate Faculty in May, 1956.

This evolution, in form, of the administrative unit is, of course, of primary concern within the University, but its formation has been of interest to the professional and business friends of the University. The School of Commerce has grown in size until it was the largest of its kind in Canada; Bachelor of Commerce students were the third largest degree body on the campus. The School had developed into a professional school and its program had, therefore, diverged so far from that of the Faculty of Arts and Science that this body could not be expected to supervise and evaluate the program. In addition, a Diploma Division had been created in response to demands

by practising accountants, sales managers, municipal officials and other professional groups whose requirements were even further removed from the traditional Arts pattern. These were the factors which led the Senate and Board of Governors to remove the School from the Faculty of Arts and Science.

The status of "Faculty" is not lightly given in Canadian universities, particularly in a discipline, or group of disciplines, as young as those comprised in Commerce and Business Administration. This is evidenced by the fact that only Western University and Laval have been so recognized.

## Status implies responsibility

Acceptance of the larger unit implies a responsibility on the part of the teaching staff to achieve and maintain a status in teaching, scholarship and research comparable to that of the traditional Faculties. This is a high goal to achieve in this University, but it is entirely fair and proper that those academic colleagues who have agreed to this status should expect efforts to be intensified in these directions.

The undergraduate program will be practically unchanged. The School was fortunate enough to grow to maturity in close and constructive association with Dean Chant and the Faculty of Arts and Science. It was under that body that the five-year program was initiated—an arrangement which contributed much more than an extra year of education. It enabled the staff of the School to plan a program with three objectives

in mind. In the first place, it was possible to insist that approximately three years should be spent in the study of the humanities and the social and physical sciences. This pattern had been accepted substantially by medicine, law and engineering and commerce could follow suit. This plan will be continued.

Through the years a number of commerce courses have been developed of proven intellectual worth, and these have been prescribed as a common "core" for all B.Com. students, e.g., commercial law, finance, marketing, industrial organizations.

Time was still available to follow the Harvard tradition and to provide a range of courses of increasing complexity in which students could "concentrate in depth" in one area of business. This is the origin of the now well-known "Options", or specialist programs.

## Graduate work to expand

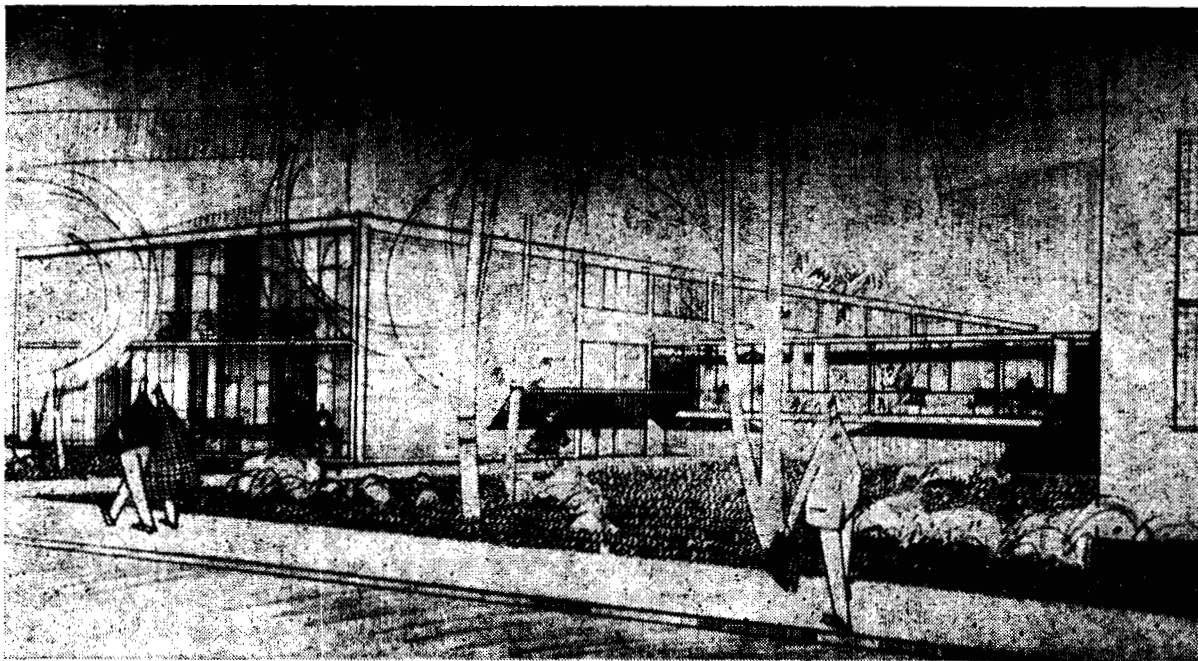
The Faculty will continue to provide Diploma and Certificate courses to meet the needs of professionals who want to study, on a university level, while still in employment. The courses range from introductory to full professional training; they involve attendance, homework assignments and examinations, over periods of 3 to 5 years. Over 1,500 men and women will be registered in these courses in the coming session.

It was accepted by the School that no serious effort could be given to the development of graduate work (M.B.A. degree) until a strong undergraduate program was established. The Faculty is now planning to move into this field. This involves the collection of substantial reference materials and equipment, the development of research and support by industry through fellowships and grad-

uate scholarships. Increasing co-operation will be achieved with the professional bodies allied to the Faculty. Inter-faculty research will be encouraged. A beginning has been made.

The intellectual climate of the University of British Columbia and the hearty co-operation of the professional and business community have enabled us to grow into a vigorous young Faculty, with a fairly clear picture of the kind of school we should try to become in the near future. In the long run, its existence will be justified, as in the case of any other Faculty, by its success in developing well-educated, professional men; by its progress in research and publication, and by its contribution to its community in the varied areas of business administration.





**\$289,331 ADDITION** to the Brock Hall is under construction. The 22,600 square-foot north wing is expected to be finished by March and will provide club rooms and office space for student activities and the alumni association. Money for the project was borrowed by the Alma Mater Society and will be repaid over a seven year period through a \$5 per student levy.

## Night school to offer symphony repertoire

Highlight of the 1956-57 Extension Department Evening Classes will be a series of 24 lectures by Irwin Hoffman entitled "The Symphony Orchestra and its Repertoire."

### SUMMER

(Continued from page 1)

Citizens of British Columbia not attending summer school classes are having excellent opportunities to share the benefits of UBC's ambitious summer program.

Most controversial feature of the summer session was the outdoor exhibit of sculpture displayed on the library lawn by members of the North West Institute of Sculpture. Student work in sculpture, painting, ceramics and metal work were presented in an exhibition in Brock Hall.

#### WITCH'S BREW

Summer School of Theatre students presented three plays. First production was "The Tinder Box" a children's fantasy based on a Hans Christian Anderson story which delighted children with witches, animal characters, kings and queens, and, of course, the magic tinder box.

Other drama presentations were "The Cradle Song" which played to capacity audiences in the Frederic Wood Theatre and an experimental production of Shakespeare's "A Midsummer Night's Dream".

Music school presentations, in addition to the opera, included a choral concert of sacred music and a concert of opera excerpts.

Three Lieder recitals, five noon-hour concerts and two radio broadcasts originating from Brock Hall were contributions of guest artists.

#### 14 degrees for president

President N. A. M. MacKenzie has received 14 honorary degrees. The most recent was from Rochester University this summer.

University of B.C. has granted 23,736 degrees since the first graduating class in 1916.

Mr. Hoffman will draw on the Vancouver Symphony concert series for his material, illustrating each program in two lectures prior to performance of the concert.

This season marks the tenth anniversary of the concert and lecture series given by Prof. and Mrs. Harry Adaskin. Theirs has been a very popular course with students of music appreciation.

#### MENTAL HEALTH COURSE

Another innovation is the expanded course on child development and mental health. Coupled with this is a course for supervisors in pre-school centres.

As in former years, varied courses under the general headings of literature, languages, science, travel, drama, arts and crafts, and recreation will be given at three locations, the University, Kitsilano High School, and the Vancouver Art Gallery.

Credit courses are also available in evening classes.

Enrolment date is Oct. 1. This year's attendance is expected to be the largest yet.

The Extension Department offers a counselling service for anyone wishing to discuss a program of study for the fall and winter months.

Brochures giving complete details of all the courses will be mailed on request. Please address enquiries to the Department of Extension, Evening Classes, University of B.C.

### COMMERCE

(Continued from page 1)

Executive and Advertising Bureaus of the Board of Trade, Junior Chamber of Commerce and for the Municipal Officers Association.

Two new courses will be started this fall, for School Business Officers and for the National Office Management Association.

All of these courses are from three to five years duration and after successful examinations leads to certificates in the field of study.

## Birds tackle Mustangs Sept. 22

University of B.C. Thunderbirds football squad will meet University of Western Ontario Mustangs in the fourth annual Paraplegic Bowl charity football game at UBC Stadium September 22.

Mustangs' coach John Metras promises a strong squad and "some surprises" when he unveils his 1956 team against Frank Gnupe's Thunderbirds.

Gnupe expects to produce one of the best football teams to wear UBC's colors from the crop of nearly 100 prospects that have indicated they want to turn out for football this year.

## Patterson appointed to head medical faculty

New Dean of UBC's Faculty of Medicine is Dr. John W. Patterson, formerly Associate Dean of Medical Education, Western Reserve University, Cleveland, Ohio.

He is replacing Dean Myron M. Weaver who resigned last January because of ill health after guiding the formation of the medical faculty from its inception. Dr. Weaver will continue on the teaching staff of the faculty.

Dr. Patterson graduated from Western Reserve University with his M.D. degree in 1949, having previously received his Ph.D. degree in organic chemistry from Ohio State University (1942).

Born in Baldwin, Kansas, Dr. Patterson is married and has four children.

He has done intensive research in organic chemistry at is pertains to medicine, specializing in diabetes. His many publications include work done in research and on medical education programs.

The University of B.C. offers instruction in the faculties of Arts and Science, Applied Science, Agriculture, Law, Pharmacy, Medicine, Forestry, Education, Commerce and Graduate Studies.

See the world

## Zoologists take trips far afield

Join the Zoology Department and see the world!

For both student and professor the study of zoology means travel.

Dr. Miklos Udvardy is spending three months in Finland doing research on avian distribution, comparing the old world with the new, and attending conferences in Austria.

Institute of Fisheries director, Dr. Peter Larkin, is visiting Finland, Sweden, Denmark, Great Britain, and the Western United States to study problems of maintaining fish stocks in the face of hydro electric development.

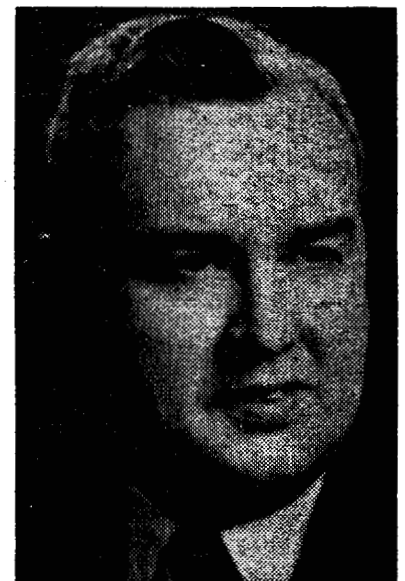
At Port John, B.C., Dr. W. S. Hoar is investigating migration of new hatched salmon into the sea.

Nearer to home, Dr. J. R. Adams is stationed in Nanaimo working on the identification of the source of salmon in the sea by the parasites they have carried from rivers where they were hatched.

As for zoology students, department head, Dr. Ian McTaggart-Cowan, recently returned from the Canadian Arctic, says, "They're strewn all the way from Baffinland to Central Alaska."

## 15,000 Museum Items

The Anthropological Museum at the University of British Columbia contains more than 15,000 catalogued items including a collection of Eskimo clothing and utensils and collections of artifacts from South Pacific Islands, Indonesia and North and South America.



**JOHN W. PATTERSON**  
... heads medicine

The University of British Columbia's Geological Museum contains a mounted Lambeosaurus dinosaur from Steveville, Alberta.

# Schools go to people in turnabout service

If you can't go to university, the university will go to you.

## DENTISTRY

(Continued from page 1)

not enough to cope with the annual population increase.

"British Columbia requires a dental school immediately to remedy the present emergency and to cope with future growth".

A Faculty of Dentistry "would not result in an overnight solution of the shortage of dentists but it would provide for growth of population, replacement of dentists through death, retirement and emigration, and a modest increase in the dental services for rural and small urban areas," he said.

President N. A. M. MacKenzie said in his preface to the report:

"This report is much more than a detailed guide to the University of British Columbia directed toward the formation of a Faculty of Dentistry. It is, in our estimation, the most complete and searching analysis of dental education presently available. As such, we are confident that it will serve as a source of information in many other centres".

President MacKenzie also said in his preface: "The recommendations made by Dr. Macdonald to the University of British Columbia will have to be considered in the light of the over-all educational needs of the people of this province. It will require prolonged and intimate study before implementation."

Dr. Macdonald recommended that two prerequisites should be met before classes start in dentistry: completion of a basic medical sciences building on campus and adequate assurance that funds will be available to carry out the recommended program.

This is the working hypothesis of the University of B.C.'s ever-expanding Extension Department which provides educational opportunities to young and old all over the province.

Adult education—life-long learning—is the business of the Extension Department. Each year more and more people are being drawn from easy chairs and television sets in search of more learning.

During the past year the number of back-to-school adults at UBC exceeded 6000.

Courses and programs designed to fit the needs of business organizations, art and drama groups, parent-teacher associations, service clubs and other groups are planned every year to fit the needs of every segment of the community.

### BORROW RECORDS?

Last year veteran drama instructor Sidney Risk toured the province giving assistance to local drama clubs, countless speakers were sent out to address meetings of all types and thousands of books were selected and sent to rural readers all over the province by the extension library.

Whether you want to borrow records, get advice on child care, organize a fishermen's co-operative or plan a co-ordinated club activities program, the extension department usually has the answers.

Listed below are some of the many activities and services of this versatile department.

If you are interested in any of the programs or services offered, make a check mark in the appropriate box and the Extension Department will provide you with full information. Be sure your name and address are printed correctly on the bottom of the form.



FRANK READ  
... conditioning

## Amateurs all

# Olympic oarsmen training

Twelve University of B.C. amateur oarsmen are training twice daily on the icy waters of Coal Harbor to keep in condition for the Olympic Games in Australia in November.

At the recent Canadian Olympic trials UBC's eight-oared crew, dubbed the "Cinderella crew" after their sparkling upset win in the British Empire Games and defeat of the Russian crew at the Royal Henley Regatta last year, pulled well in front to break world rowing records.

Even the four-oared crew, who went into training originally as spares for the eights, better the Olympic record for the 2000 metre course by 31 seconds.

UBC's rowing coach Frank Read, who volunteers his services as coach because he likes rowing, was named coach of Canada's Olympic rowing contingent.

He attributes the success of the teams to hard work. "Conditioning always pays off," he says.

### BLOW FOR AMATEURS

Even more noticeable than the rowing records they are shattering, however, is the blow they are striking for amateur sport.

Every member of the two crews took up rowing "for fun" or simply because they liked rowing.

The 12 oarsmen are full time students at UBC, working themselves through a university education. They have given up everything else except working, studying and rowing, because they love the sport.

Despite the hardship they ask no favours and get their rewards from the results of their rowing.

However, a committee of ex-oarsmen headed by UBC Great Trecker Aubrey Roberts, has been set up to assist the crew and ensure they have adequate training facilities and equipment.

Included in the efforts of this committee is a fund raising campaign to assist in the purchase of a four-oared shell, new oars, training strip and other necessities. Contributions may be sent to the UBC Development Fund, Brock Hall, marked rowing.

## Greeting card proves costly

A Christmas card from Dr. Cecil A. Lamb of the Ohio Agricultural Experimental Station in Wooster, Ohio, to Mr. C. P. Leckie, 5761 Olympic Street, Vancouver, turned into an expensive proposition this year.

Both graduated from UBC in agriculture in 1921, the first graduating class of UBC's Faculty of Agriculture, and they decided to do something about it.

The "something" they had in mind for 1956 and their 35th anniversary was a \$10,000 fund, the interest from which will provide a scholarship in honor of the University's first class in agriculture.

These two and the two other known living members of the class, Dr. F. F. McKenzie of Oregon State College and Dr. H. R. L. Davis, 4645 West Ninth Ave., Vancouver, have presented scholarship committee chairman Dean Walter H. Gage, with a \$1700 cheque to start the fund for a graduate scholarship in agriculture.

A further \$600 has been promised by these graduates and they hope to be able to build the fund up to the \$10,000 mark. They say that donations to this fund from anyone interested would be greatly appreciated.

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