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REPORT OF THE PRESIDENT
OF THE UNIVERSITY OF BRITISH COLUMBIA
FOR THE ACADEMIC YEAR ENDING
AUGUST 31st., 1929.

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THE REPORT OF THE PRESIDENT.

To the Board of Governors and
the Senate of the
University of British Columbia.

Dear Madam and Sirs:-

I have the honour to submit herewith
a report of the work of the University for the academic
year ending August 31st., 1929. The report consists in
large part of reports which have been prepared by the
Deans and other administrative officers in the University.
Of these separate reports, however, the only ones which
appear in full are those which have been submitted by the
Deans and by the Registrar; the others have been summarized
in such a way as to bring out their essential features.

TEACHING STAFF:

Deans - Professors and Heads of Departments	3.
Professors	31.
Associate Professors	30.
Assistant Professors	23.
Dean of Women and Assistant Professor	1.
Lecturers	4.
Instructors	8.
Assistants	37.
Lecturers in Public Health (part time)	18.
Lecturers in Teacher Training (part time)	7.

PROMOTIONS:

Daniel Buchanan, B.A., M.A., Ph.D., Dean, Faculty of Arts and Science; Henry F. Angus, B.A., B.S.L., M.A., from Associate Professor to Professor of Economics; James Henderson, M.A., from Associate Professor to Professor of Philosophy; A. E. Hennings, M.A., Ph.D., from Associate Professor to Professor of Physics; G. E. Robinson, B.A., from Associate Professor to Professor of Mathematics; R. L. Davis, M.S.A., from Assistant Professor to Associate Professor of Animal Husbandry; H. R. Hare, B.S.A., from Assistant Professor to Associate Professor of Animal Husbandry; F. H. Soward, B.A., B.Litt., from Assistant Professor to Associate Professor of History; Frank H. Wilcox, A. B., Ph.D., from Assistant Professor to Associate Professor of English; G. Sinclair Smith, M.A.Sc., from Lecturer to Assistant Professor of Mechanical Engineering; Miss E. B. Abernethy, B.A., from Assistant to the Registrar to Assistant Registrar.

NEW APPOINTMENTS:

David Owen Evans, M.A., Ph.D., D. Lett., Professor of French; Joseph Friend Day, B.A., M.A., Associate Professor of Economics and Commerce; Coral Wesley Topping, A.B., B.D., A.M., S.T.M., Ph.D., Associate Professor of Economics and Sociology; P.A. Child, B.A., M.A., Ph.D., Assistant Professor of English; Blythe Eagles, B.A., Ph.D., Assistant Professor of Dairying (Under co-operative arrangement with Empire Marketing Board); George H. Harris, B.S.A., M.S., Assistant Professor of Horticulture; Hunter Campbell Lewis, B.A., M.A., Assistant Professor of English; R.M. Brown, B.Sc.F., Honorary Lecturer in Forest Products; William Newton, B.S.A., M.S., Ph.D., Honorary Lecturer in Plant Physiology; Miss Mildred Campbell, B.A., M.A., Instructor in Zoology; John Craig Oliver, B.A., B.A.Sc., Instructor in Civil Engineering.

LEAVE OF ABSENCE:

President L. S. Klinck, M.S.A., D.Sc., LL.D., from May 15th-1928 to February 1-1929; Stuart J. Schofield, M.A., B.Sc., Ph.D., Professor of Physical and Structural Geology; A. F. B. Clark, M. A., Ph.D., Associate Professor of French; Frank Dickson, B.A., Associate Professor of Botany; John Allardyce, B.A., M.A., Instructor in Chemistry.

RESIGNATIONS:

Mrs. Freda W. Stewart, M.A., Instructor in Bacteriology

DEATHS:

During the year the University suffered a distinct loss in the death of an esteemed member of the Board of Governors and in the passing of two distinguished members of the Faculty.

In the death of Campbell Sweeney, Esq., the University was deprived of an able and trusted counsellor whose wide experience and mature judgment in financial matters had been freely placed at the service of the University ever since his appointment to the Board of Governors when that body was constituted in 1913.

In the passing of Henri Chodat, B.A., M.A., Officier d'Academie, France, Associate Professor of Modern Languages, the University lost a highly respected member of its professorial staff whose long years of efficient service in the cause of education in the Province had won for him deserved recognition. Mr. Chodat's wide knowledge of his subject and his deep interest in his students made him a source of strength to the University during the many years he served as a member of the faculty.

Scholarships, wide interests and the rare ability to bring these to bear directly upon the problems of the day were happily combined in Samuel Erasmus Beckett, B.A., M.A., Associate Professor of Economics, whose sudden death deprived the University and the Province of a man whose achievements, during the years of his connection with the University, had won for him a high place in the estimation of his associates.

REGISTRATION:

	Women	Men	Total	
FACULTY OF ARTS and SCIENCE				
First Year	252	303	555	
Second Year	162	150	312	
Third Year	116	109	225	
Fourth Year	101	81	182	
				1274
FACULTY OF APPLIED SCIENCE				
Second Year	-	103	103	
Third Year	-	77	77	
Fourth Year	-	44	44	
Fifth Year	-	34	34	
				258
FACULTY OF APPLIED SCIENCE (NURSING)				
First Year	14	-	14	
Second Year	7	-	7	
Third Year	7	-	7	
Fourth Year	7	-	7	
Fifth Year	6	-	6	
				41
FACULTY OF AGRICULTURE				
First Year	-	5	5	
Second Year	1	13	14	
Third Year	1	4	5	
Fourth Year	-	5	5	
Partial	1	18	19	
				48
GRADUATES				
Arts and Science	12	30	42	
Applied Science	-	1	1	
Agriculture	-	4	4	
				47
TEACHER TRAINING COURSE	44	18	62	
				62
				<u>1730</u>

REGISTRATION cont'd.

Classification and Enrolment of Students
who are not taking the full Undergraduate Courses.

Summer Session, Arts (1928)	(Degree Course)	402
Late afternoon and Saturday morning classes	(Degree Course)	59
Public Health Nursing	(Diploma Course)	6
Occupational Course in Agriculture	(Diploma Course)	7
Short Courses in Agriculture		139
Evening Class in Botany		24

NATIONALITY OF THE STUDENTS:

American	76
Austrian	2
British	1559
Chinese	2
Croatian	1
Czecho-Slovakian	1
Danish	1
Dutch	2
East Indian	6
Finnish	1
French	2
Greek	1
Hebrew	13
Icelandic	4
Italian	4
Japanese	19
Latvian	1
Norwegian	5
Polish	4
Russian	14
Swedish	12

1730

POINTS FROM WHICH STUDENTS COME.

Vancouver.

1045

Points in British Columbia outside of
Vancouver.

Abbotsford	5	Hammond	5
Agassiz	2	Hatzic	3
Aldergrove	1	Hazelton	1
Alert Bay	1	Hedley	1
Alexis Creek	1	Heffley Creek	1
Allenby	1	Hollyburn	10
Anyox	1	Hope	1
Armstrong	3	Huntingdon	1
Arrowhead	1	Kamloops	6
Ashcroft	1	Kaslo	3
Bella Coola	1	Kelowna	7
Blakeburn	1	Keremeos	2
Bonnington Falls	2	Kimberley	3
Bowen Island	1	Kingcome Inlet	1
Bridge River	1	Kootenay Bay	1
Brighthouse	1	Ladner	9
Britannia Beach	2	Ladysmith	1
Britannia Mines	1	Lavington	1
Burnaby	24	Lulu Island	1
Carlin	1	Lumby	1
Cassidy	1	Lynn Creek	1
Castlegar	1	Masset	1
Celista	1	Matsqui	3
Chapman Camp	1	Mayne Island	1
Chilliwack	9	Merritt	1
Cloverdale	4	Milner	4
Coalmont	2	Mission City	1
Comox	1	Monte Creek	1
Copper Mountain	1	Mount Lehman	2
Courtenay	4	Mount Tolmie	3
Cranbrook	9	Murrayville	2
Creston	2	Nakusp	1
Cumberland	10	Nanaimo	12
Deep Cove	1	Naramata	1
Duncan	6	Nelson	8
Dundarave	1	New Denver	3
Eburne	8	New Westminster	98
Enderby	1	Nicola	1
Erie	1	North Bend	1
Esquimalt	1	North Bulkley	1
Fanquier	1	North Salt Spring	1
Fernie	7	Island.	1
Field	1	North Vancouver	39
Fort Fraser	1	Ocean Falls	1
Galiano	1	Okanagan Centre	1
Gibson's Landing	3	Okanagan Mission	1
Golden	1	Osoyoos	1
Grand Forks	8	Oyama	2

Points in British Columbia
outside of Vancouver

Forward	1436
Peachland	2
Penticton	4
Port Coquitlam	1
Port Haney	5
Port Moody	2
Powell River	2
Prince George	5
Prince Rupert	14
Princeton	1
Revelstoke	8
Riondel	2
Royston Station	2
Ruskin	1
Rossland	6
Salmon Arm	5
Sandal	1
Sandwich	1
Sardis	5
Shawnigan Lake	1
Shelley	1
Sidney	2
Squamish	1
Steveston	6
Stewart	2
Sugar Lake	1
Sullivan	1
Summerland	3
Surrey Centre	1
Taghum	1
Thurlow	1
Trail	12
Tranquille	1
Union Bay	1
Upper Capilano	1
Upper Lynn	2
Usk	1
Van Anda	1
Vanderhoof	1
Vancouver	1
Vernon	16
Victoria	94
Waldo	1
Wellington	1
Westholme	1
West Summerland	6
West Vancouver	5
Woodfibre	1

Forward 1670

(c) Points in Canada
outside of British
Columbia,-

Alberta	13
Saskatchewan	6
Manitoba	3
Ontario	6
Yukon Territory	4

32

(d) Other Countries,-

United States	11
India	5
England	4
Holland	1
China	6
Ireland	1

28

1730

OCCUPATIONS OF THE PARENTS OF THE STUDENTS ENROLLED
(not including the students in the Teacher Training Course)

Accountant	40	Forward	321
Agent	10	Compositor	1
Agriculturist	2	Comptroller	1
Animal Pathologist	1	Confectioner	1
Architect	5	Contractor	44
Artist	2	Customs official	9
Auditor	6	Dairyman	5
Auto Livery	1	Deceased	83
Automobile Dealer	8	Decorator	4
Baker	9	Dentist	11
Baggage man	1	Doctor	56
Bank clerk	1	Draftsman	2
Barber	2	Druggist	16
Blacksmith	2	Dry cleaner	2
Boat Captain	1	Edgerman	1
Boat Owner	1	Editor	1
Boiler maker	1	Electrical Engineer	11
Bond dealer	1	Electrician	10
Bookkeeper	8	Engineer	31
Bricklayer	4	Entomologist	1
Brick maker	1	Estimator	1
Broker	37	Farmer	77
Builder	8	Factory owner	1
Building Agent	1	Fishdealer	2
Building Manager	3	Fisherman	1
Bulb grower	1	Florist	2
Business man	17	Foreman	6
Butcher	3	Forester	1
Buyer	4	Fruit dealer	1
Canneryman	3	Fruit grower	3
Caretaker	2	Fuel dealer	1
Carpenter	33	Funeral director	1
Chauffeur	2	Furniture dealer	1
Chemical Engineer	1	Gardener	2
Chemist	1	Garage owner	2
Chipper	1	Garage proprietor	1
Chiropractor	1	Gov't. liquor vendor	3
Civil Engineer	17	Grocer	10
Civil Servant	17	Government service	1
Claims Investigator	1	Haberdasher	1
Clergy	39	Harbour Commissioner	1
Clerk	14	Hairdresser	1
Coal dealer	2	Hop grower	2
Cook	1	Hotel proprietor	2
Clothier	3	Horticulturist	1
Commercial Artist	2	Importer & Exporter	5

OCCUPATIONS OF PARENTS (Continued)

Forward	741	Forward	1156
Inspector	14	Prison guard	1
Interpreter	1	Proprietor	2
Insurance	18	Projectionist	1
Janitor	4	Publisher	2
Jeweller	5	Publisher's agent	1
Journalist	1	Purchasing agent	1
Judge	2	Rabbi	1
Labourer	6	Rancher	20
Laundry operator	1	R.R. employee	48
Laundry owner	1	Real estate	14
Lawyer	34	Restaurant owner	1
Lineman	1	Retired	90
Linotyper	1	River pilot	1
Locksmith	1	Sailor	1
Logger	1	Salesman	14
Lumberman	29	Sales manager	3
Machinist	12	Salvor	1
Manager	57	Sanitary engineer	1
Manufacturer	6	Saw filer	1
Manufacturer's Agent	20	Senator	1
Marble setter	1	Scaler	4
Marine engineer	2	Secretary	10
Mason	1	Sheet Metal worker	4
Master mariner	7	Shift boss	1
Mechanic	9	Shingle weaver	1
Mechanical engineer	3	Shipper	1
Member of Parliament	3	Shipping merchant	2
Merchant	92	Signalman	1
Mill employee	2	Sign writer	1
Mill owner	2	Smelterman	1
Mill wright	3	Stationer	2
Mining engineer	16	Statistician	1
Mining operator	2	Steam engineer	3
Miner	10	Steam fitter	1
Missionary	4	Steel worker	1
Moulder	1	Stevedore	1
Musician	4	Stone mason	1
Navy	1	Structural engineer	1
Newspaperman	2	Superintendent	13
Night watchman	1	Supervisor	3
Optician	3	Surveyor	3
Orchardist	1	Tailor	2
Orthodontist	1	Tallyman	1
Packer	1	Teacher	38
Paymaster	2	Telegrapher	2
Photographer	2	Timber cruiser	1
Piano tuner	2	Timekeeper	1
Plasterer	1	Traffic manager	1
Plumber	1	Transfer	4
Police	2	Truant officer	1
Postman	2	Truck driver	1
Postmaster	6	University faculty	17
Printer	9		

OCCUPATIONS OF PARENTS (Continued)

Forward	1485
University president	1
Unspecified	165
Vancouver City employee	9
Veterinary surgeon	1
Warehouseman	1
Watchmaker	2
Welding Engineer	1
Wharfinger	1
Y.M.C.A. Secretary	2

1668.

Comparative statement of attendance at the University

1915-16 to 1928-29.

REGISTRATION BY FACULTIES

Session	Arts and Science	Applied Science	Double Course	Nursing	Agric- ulture	Teacher Training Course	Total in Winter Session	Summer Session	Short Courses	Grand Total
1915-16	318	61					379	-	-	379
1916-17	321	48			-		369		65	434
1917-18	371	38			7		416		258	674
1918-19	467	54			17		538		379	917
1919-20	681	164			45		890		640	1530
1920-21	696	209	6		51		962	127	550	1639
1921-22	724	200	1	16	73		1014	134	83	1231
1922-23	890	191	-	28	85		1194	208	157	1559
1923-24	969	183		32	69	55	1308	292	152	1752
1924-25	1119	184		36	59	53	1451	294	121	1866
1925-26	1124	196		33	53	57	1463	394	127	1984
1926-27	1219	209	-	35	52	67	1582	438	158	2178
1927-28	1349	242		38	50	62	1741	487	171	2399
1928-29	1316	259		41	52	62	1730	402	175	2132

DEGREES CONFERRED

1916 to 1929

Year	M.A.	B.A.	M.Sc. or M.A.Sc.	B.Sc. or B.A.Sc.	B.A.Sc. Nursing	M.S.A.	B.S.A.	Total	Grand Total
1916		40						40	40
1917		34		1				35	75
1918		34						34	109
1919	2	47		1	-			50	159
1920	9	50	1	9				69	228
1921	3	84		18	-		8	113	341
1922	9	77	1	27			10	124	465
1923	14	106	6	34	3	1	12	176	641
1924	9	99	1	39	5	2	11	166	807
1925	11	133	7	27	4	1	17	200	1007
1926	16	145	4	26	3	0	9	203	1210
1927	10	156	1	37	5	2	6	217	1427
1928	17	188	1	22	5	1	7	241	1668
1929	15	160	1	31	6	1	9	223	1891

HONOURARY DEGREES CONFERRED

1925 LL.D.
 7

LOCATION OF THE GRADUATES

Number in Vancouver	793
Number in other parts of British Columbia.	323
Number in other Provinces	54
Number in United States of America	103
Number in British Isles	15
Number in Australia	1
Number in India	2
Number in Africa	1
Number in France	2
Number in South America	2
Number in China	3
Number in Japan	1
Number in Other Countries.....	1
Number deceased	17
 Total number of Graduates	 1318

Of the 103 graduates listed as being in the United States, 24 are holders of Scholarships, Fellowships or Bursaries. A considerable number of other graduates residing on the other side of the line are taking advanced work in American Universities, but the exact number of these is not definitely ascertainable.

New graduates (May 1928)	206

	1524

EMPLOYMENT BUREAU

During the year the Board of Governors, on the recommendation of the Faculties, approved of the organization of an Employment Bureau. The object of the bureau is to serve as a clearing house between the prospective employer of student labour and the student who desires to avail himself of the services which such an organization can render. The bureau, which is under the direction of a representative committee, is prepared to assist graduate students as well as undergraduates.

SCHOLARSHIPS, FELLOWSHIPS and BURSARIES AWARDED TO GRADUATES.

During the year many scholarships, fellowships and bursaries have been won by graduates of the University. The following list does not include awards which have been made in the University of British Columbia:

Name:	Award:	Value:	Subject:	Where Tenable:
Allardyce, W. John	Research Council Studentship	\$ 1200.	Chemistry	McGill University
Allen, J. S.	Research Council Bursary	750.	Chemistry	McGill University
Ball, Ralph	Research Council Studentship	1200.	Chemistry	McGill University
Ball, R.W.	Research Fellowship	850.	Chemistry	University of Illinois
Birney, Earle	Teaching Fellowship	600.	English	University of California
Brooks, L.	Teaching Fellowship	500.	English	University of Washington
Carpenter, Gilbert B.	Industrial Research Fellowship	1800.	Chemistry	Mass.Inst.of Technology
Carter, Neal	National Travelling Fellowship	1500.	Chemistry	McGill University
Chalmers, William	Research Council Fellowship	1500.	Chemistry	McGill University
Davidson, George F.	Graduate Scholarship	400.	Classics	Harvard University
Duckering, Charles E.	Teaching Fellowship (2years)	1600.	Civil Eng.	Iowa State College
Elley, F. W.	Student Assistantship	225.	Forestry	University of Michigan
Grant, Margaret	Western Fellowship	500.	English	University of Toronto
Kania, Joseph E.A.	Emmons Fellowship	400.	Geology	Mass.Inst.of Technology
Lucas, Colin C.	Research Fellowship	1000.	Biochemistry	University of Toronto
McLean, J.Beattie	Teaching Fellowship	500.	English	University of Washington
McPhail, Murchie K.	Research Council Bursary	750.	Biochemistry	McGill University
Marin, Joseph H.	Research Assistantship (2years)	1200.	Civil Eng.	University of Illinois
Mellish, A.Preston	Assistantship	750.	Mathematics	Brown University
Morrison, Edmund	Assistantship	1000.	English	University of California
Selwood, P. W.	Research Fellowship	800.	Chemistry	University of Illinois
Streight, H.R.Lyle	Research Council Bursary	750.	Chemistry	McGill University
"	Research Fellowship	750.	Chemistry	Stanford University
Thompson, Homer A.	Travelling Fellowship	1200.		New York to Athens
"	Fellowship (3 years)	4500.	Classics	American School at Athen
Waddington, Guy	Fellowship	800.	Chemistry	Calif.Inst.of Technology
Warren, Harry V.	Commonwealth Fund Fellowship (2yrs)	6000.	Geology	Calif.Inst.of Technology
White, Alice M.G.	Graduate Fellowship	600.	English	Smith College
Wright, Robert Hamilton	Research Council Bursary	750.	Chemistry	McGill University
Tolmie, John Ross	Rhodes Scholarship (3years)	5844.	History	Oxford (£400 per annum).
Total Value		\$40219.		

The total value of the scholarships, fellowships, and bursaries won by our graduates in other Universities and in Institutes since the first awards were made in 1917, is - \$316,519.00

PUBLICATIONS

FACULTY OF ARTS and SCIENCE

Department of Bacteriology:

"Lowered Resistance" - and Some Fallacies Regarding it.
H.W. Hill.
Bulletin, Vancouver Medical Association, Vol.
IV, 9, June, 1928.

"Further Studies on Transfer of Infection by Handshakes"
Helen M. Mathews.
Canadian Public Health Association.

"Control of Bacillary White Diarrhoea Infection of
Poultry in British Columbia."
J. Biely.
Scientific Agriculture, Vol. IX, No. 7, March,
1929.

"Effects of Bacillary White Diarrhoea Infection on
Egg Production."
V.S. Asmundson and J. Biely.
Poultry Science, Vol. VII, No. 6, September
1, 1928.

Also Reported in Department of Poultry Husbandry

Department of Botany.

" A Biohydrographical Investigation of the sea adjacent
to the Fraser River mouth" by Dr. A. H.
Hutchinson.
Trans. Royal Society of Canada, 3rd Series,
Vol. XXII, Sec. V. 1928.

" An Investigation of the Specific Effects of Monochro-
matic Light on the Growth of Yeast."
A. H. Hutchinson and Dorothy Newton.
Royal Society of Canada, May, 1929.

"An Investigation of the Specific Effects of Monochromatic
Light on the Growth of Paramoecium."
A.H. Hutchinson and Marion Ashton.
Royal Society of Canada, May, 1929.

Department of Botany (continued)

"Seasonal Fluctuations in the Chemical and Physical Properties of the Waters of the Strait of Georgia in Relation to Phytoplankton."
A. H. Hutchinson and C. C. Lucas, and M. McPhail.
Royal Society of Canada, May, 1929.

"The Effect of the Fraser River on the Waters and Plankton of the Strait of Georgia."
A. H. Hutchinson and C.C.Lucas.
Pan Pacific Scientific Congress, May, 1929.

afm "An abnormality of potatoes, probably Blind Tuber"
Lindsay M. Black.

ps "A Comparative study of Sclerotinia trifoliorum" Eriksson;
and Sclerotinia sclerotiorum (Libert) Massee;
Cecil E. Yarwood.

Department of Chemistry.

"The Hydrocarbons in Peruvian Petroleum Having Boiling Points below 150. "
W. F. Seyer and A. F. Rees.
Trans. Royal Society of Canada. XXII, 359, (1928).

"The Effect of Absorbed Gas on the Contact Resistance of Carbon."
M.J.Marshall and R. H. Wright.
Trans. Am. Electro Chem. Soc.(54), 149, (1928).

"An Improved Laboratory Rectifying Column"
M.J. Marshall.
Ind. and Eng. Chem. 20, 1379, (1928)

Effect of High Frequency Discharges on the Dissociation of Gases."
M.J.Marshall and E. H. Nunn.
Trans. Am. Elec. Chem. Soc. 55, May (1929).

"Cathodic Halogen"
R.H.Clark and R.H. Ball.
Trans. Amer. Electro-Chem. Soc. (54), 119, 1929)

"The Electrolysis of Cyanogen Halides"
R. H. Clark and H.R.L. Streight.
Trans. Roy. Soc. Can. XXII, 323 (1928).

Department of Education

- "Progress, Degeneracy and Education"
G.M.Weir.
Proceedings of the Saskatchewan Education
Association (1928).
- "Some Educational Purposes and Processes."
G. M. Weir.
Proceedings of the Saskatchewan Education
Association (1928)
- "Modern Education - The Junior High School."
G. M. Weir.
Proceedings of the Saskatchewan Education
Association (1928).
- "Sidelights on Curriculum Building."
G. M. Weir.
Proceedings of the Saskatchewan Education
Association (1928).
- "Modern Developments in Education."
G.M.Weir.
Proceedings of the Saskatchewan Trustees
Convention - 1929.

Department of English.

- "The Canon of Peele's Works."
- "The Father of George Peele".
T. Larsen.
Modern Philology.
- "The Early Years of George Peele."
T. Larsen.
Trans. Roy. Soc. Canada.
- "The Earliest English Essayists."
W.L.McDonald.
Englische Studien.

Department of English (continued)

- "The Unity of the Humanities".
G. G. Sedgewick.
Dalhousie Review.
- "Thomas Hardy".
G. G. Sedgewick.
Proceedings Pacific North-West Library Association.

Department of Geology and Geography.

- "The Relationships of Ore Deposits to Minor Igneous
Intursions in British Columbia."
S. J. Schofield.
Canadian Institute of Mining and Metallurgy.
- "Physiography of the Southern Plains of Alberta"
M.Y. Williams.
Royal Society of Canada.
- "Geology of Southern Alberta and Southwestern Saskatchewan."
M.Y. Williams and W. S. Dyer.
Memoir Geological Survey of Canada."
- "Calgary Map Sheet and Section Supplement
M. Y. Williams and W. S. Dyer.
Geological Survey of Canada.
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W. N. Sage.

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"Canada's New International Responsibilities."

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D. Buchanan.

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Department of Mathematics (continued)

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D. Buchanan.

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H. Ashton.

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H. Ashton.

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Department of Zoology.

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Pelagic Fish Eggs and Larvae."

C. McLean Fraser.

Proceedings of the Third Pacific Science Congress.
Tokyo, Vol. 1.

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Department of Zoology. continued

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in the Strait of Georgia."
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G. J. Spencer.
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G.J.Spencer.
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FACULTY OF APPLIED SCIENCE

Department of Mechanical & Electrical Engineering.

"High Frequency Bridge Measurements"
Dr. H. Vickers.
American Institute of Electrical Engineers.

"Aeronautics".
Mr. F.W.Vernon.
American Inst. of Electrical Engineers

Department of Nursing and Health.

"Taking the Cure in Tuberculosis"
Dr. H. W. Hill.
Provincial Board of Health of B.C.

"The New Method of Vaccination"
Dr. H.W.Hill.
McBeath Campbell Ltd.(Bulletin, Vancouver Medical Assoc.)

"Undulant Fever in British Columbia"
Dr. H.W.Hill
Bulletin, Vancouver Medical Assoc.

"Definitions of Some Terms used in Public Health"
Dr. H.W.Hill.
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Also reprinted as pamphlets for distribution by the
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Manitoba."
Miss M. Gray.
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Department of Animal Husbandry.

"Dairy Farming in British Columbia."

Faculty of Agriculture Bulletin No. 12.

Published by the Department of Agriculture, Victoria, B.C.

Department of Dairying.

"A Study of Some Types of Bacteria which Produce a
"Caramel" Flavour in Milk."

C.D. Kelly.

Transactions Royal Society of Canada, 1928, Third
Series, Vol. XXII, Section V. Ottawa.

"The Proportion of the Citrates of Milk Incorporated
in the Curd during Cheese Making."

N. S. Golding.

Transactions Royal Society of Canada, 1928, Third
Series, Vol. XXII, Section V. Ottawa.

"The Use of a Steam Sterilizer for Dairy Utensils
on the Farm."

N. S. Golding and K. C. Thornloe.

Scientific Agriculture, 1929, Vol. IX, No. 6. Ottawa.

"Further Data on the Streptococcus Lactis Strain that
Produces "Caramel" Odour and Flavour in Dairy Products."
Wilfrid Sadler.

Transactions Royal Society of Canada, 1928, Third Series,
Vol. XXII, Section V, Ottawa.

"Dairy Bacteriology in Scandinavia."

Wilfrid Sadler.

Scientific Agriculture, 1928, Vol. VIII, No. 9, Ottawa.

"The Casein-Splitting Properties of Starters."

Chr. Barthel and Wilfrid Sadler.

Transactions Royal Society of Canada, 1928, Third Series,
Vol. XXII, Section V, Ottawa.

Same paper published in Swedish.

Meddelande No. 343 (Experimentalfältet, Sweden).

Same paper read at the World's Dairy Congress (Great
Britain) - 1928 - and published in English, French and German.

Department of Dairying (continued)

"Cheshire Cheese".

Part I. "A Preliminary Study of the Bacterial Content."
Wilfrid Sadler.

Part II. "The Classification of Certain Organisms Isolated."
S. Orla-Jensen, A.D. Orla-Jensen and Wilfrid Sadler.
Scientific Agriculture, 1929, Vol. IX, No. 6.

Same Paper published in French in "Le Lait" Tome IX, No. 83, 1929.
Tome IX, No. 84, 1929.
Lyon.

"The Vitamin Value of Milk and Milk Products."

N. S. Golding.

Annual Report of the Western Canada Livestock
Union, 1928.

"Milk Supplies - Control Methods".

Wilfrid Sadler.

Annual Report of the Western Canada Livestock
Union, 1928.

"Bacteria and Flavours."

Wilfrid Sadler.

Western Canada Dairy Convention Proceedings, 1929.

"Flavour Defects in High Grade Milk."

Wilfrid Sadler.

Scientific Agriculture, Vol. X, No. 2, 1929.

"Discoloration of Halibut"

F.C. Harrison and Wilfrid Sadler.

Biological Board of Canada, Bulletin, No. 12.

Department of Horticulture.

"An Economic Study of the Tree Fruit Industry of the
Okanagan Valley."

F.M. Clement and J. C. Wilcox.

Bulletin No. 13, Faculty of Agriculture.

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the Okanagan Valley."

Popular circular - prepared by L. S. Mallory.

Published by the Department of Agriculture, Victoria, B.C.

Department of Poultry Husbandry.

"The First Year Egg Production Barred Plymouth Rocks.
V.S. Asmundson.
Scientific Agriculture, 1928, Vol. IX, No. 2.

"Fish Oils as Sources of Vitamin D for Poultry."
V.S. Asmundson, W. J. Allardyce and J. Biely.
Scientific Agriculture, 1929, Vol. IX, No. 9.

"Effect of Bacillary White Diarrhoea Infection on
Egg Production."
V. S. Asmundson and J. Biely.
Poultry Science, Vol. VII, No. 6.

Also reported in Bacteriology.

REPORT ON THE OFFICE OF THE DEAN
OF THE FACULTY OF ARTS and SCIENCE.

Attendance.

Reports on First and Second Year Students with deficient attendance were submitted at the end of each month and at the end of each term. Letters of warning were sent to each student so reported. About twenty students were not allowed to write some or any of their final examinations in April. Certain of them, however, were permitted to write the Supplementals as provided in the Calendar regulations.

Medical Certificates

On the receipt of a medical certificate at this office, notices stating the period of illness were sent to each Department in which the student was taking work. Students who were prevented through illness from writing the final examinations were, with four exceptions, allowed to defer their examinations until September. No fee was required for such examinations and the marks obtained in September were counted as if the examinations were written in April. For example, a First or Second Year student was required to make a minimum of 40% in September and an average of 50% on all the examinations in April and September. The numbers of candidates granted deferred examinations in some or all of their subjects were as follows:

First Year	19
Second "	8
Third "	4
Fourth "	1

Four candidates were granted aegrotat standing - one in the Third Year and three in the Fourth Year. The Third Year candidate would easily have made a First Class. Two of those in the Fourth Year were recommended for First Class Honours.

Examinations

Mid-term

Reports on the work of the First and Second Years, based either upon examinations or on term work, were submitted early in November. Letters of warning were sent to the parents

REPORT ON THE OFFICE OF THE DEAN
OF THE FACULTY OF ARTS AND SCIENCE (continued)

or guardians of all students who failed in three or more of their five subjects and such students - 100 in the First Year and 20 in the Second - were called into the Dean's office for personal interviews.

Christmas

After the Christmas examinations letters of warning were sent to all First and Second Year students who failed but managed to make sufficient marks to escape the Christmas exclusion. Lest the Dean's office might be considered as existing solely for the benefit of the "under-fifty-per centers" personal letters of congratulations were sent to all First and Second Year students who made First Class and their names were published in the city papers.

April.

Four committees on examinations had charge of the results in April. The Dean was chairman of the Fourth Year Committee. I wish to record my appreciation of the work of these committees and in that connection of the work of the Registrar and his staff and also of the Dean's secretary.

Letters of congratulations were sent to the students of all years who made First Class standing and also to all prize winners.

I cannot conclude the report of my office without recording my appreciation of the uniform cooperation and support of the various members of the Faculty. I wish also to refer to the great loss sustained by the Faculty in the death of Professor Chodat in November, 1928, and of Professor Beckett in February, 1929. The Faculty has recorded on its minutes its appreciation of the contributions of these men to the educational work of this Province.

Respectfully submitted

D. Buchanan

REPORT OF THE DEAN OF THE FACULTY OF APPLIED SCIENCE

I. Distribution of Students.

The industrial expansion of the Province during the last few years is causing a marked increase in the number of students selecting geological, mining, electrical and mechanical engineering, resulting in a corresponding loss in chemical, civil and forest engineering, as shown by the figures for the Fourth Year given below.

	1927-28	1928-29
Chemical Engineering	8	4
Chemistry	1	0
Civil Engineering	7	3
Electrical Engineering	10	13
Forest Engineering	3	1
Geological Engineering	2	8
Mechanical Engineering	3	7
Mining and Metallurgical Engineering	4	8
Nursing and Health (Degree course)	6	7

Many more graduates could have been placed this year had they been available, probably three times as many. For instance there were twenty more requests for Chemical Engineers than could be supplied, and there is a standing order for five of these each year for the coming four years.

2. General Policy of the Faculty of Applied Science.

The general policy is outlined in the University Calendar as a Foreword to the Applied Science section. Briefly, it is to afford a sound University education in the strict sense of the term:- to train students in exact quantitative and fertile thinking, to train their imaginations, to give them a sound knowledge of natural laws and of the means of applying this knowledge to the utilization of natural forces and natural products for the benefit of man and for the advancement of civilization.

Experience shows that this type of training is the best yet devised for a large and increasing proportion of the administrative and technical positions in business and industry as well as in the engineering professions themselves. Fifty per cent of the graduates may be expected to eventually enter business or industry.

The aim is not to turn out a finished product - this only the school of experience can do properly - but young men with a special capacity and training for attaining success and distinction in engineering, industry or business.

REPORT OF THE DEAN OF THE
FACULTY OF APPLIED SCIENCE (continued)

Consequently the course is broad and general rather than narrow and specialized. This holds true not only for the first three years, which are common to all Applied Science students, but also in the last two years, which are divided into separate courses.

3. New Courses.

In Electrical Engineering the following new courses have been added:-

Electrical and Magnetic Instruments and Measurements.
Design of Direct Current Machinery.
Direct and Alternating Current Technology.
Problem Courses.
Transit Phenomena and Oscillations.

In Mechanical Engineering the following new course is being offered:

Aeronautics.

4. More Important Changes in Courses.

In Forestry a week of field work, after the spring examinations has been added to Forestry 2 (Mensuration).

The most important changes have been made in the Department of Mechanical and Electrical Engineering. Hitherto the Fourth Year was common to both Mechanical and Electrical courses, and specialization was confined to the Fifth Year. This did not leave enough time to cover what is now fundamental. By separating the courses in the Fourth Year and dropping a few classes in other departments, principally in Civil Engineering, the new classes mentioned in the preceding paragraph have been fitted in. In this way it is possible to cover more satisfactorily what the present day graduate in Mechanical and Electrical Engineering is expected to be familiar with.

The problem of improving the English of Applied Science students is one that has not been satisfactorily solved. Regular courses in English, tried in many universities, do not secure the desired results. For several years the Dean has been going over the student's essay with the writer and this seemed to be more promising, for the author's pride in his production receives a severe shock when he sees the beauty of his pages ruined by corrections of English, resulting in a desire to improve. The difficulty was that the Dean had not the time for so much individual attention. Consequently an Assistant was

REPORT OF THE DEAN OF THE
FACULTY OF APPLIED SCIENCE (continued)

appointed to devote his whole time to tutoring in English, based on the students' essays. In addition he attends the students' meetings to criticize their speaking. One session's experience is insufficient for a definite judgment but the results seem promising. The students themselves think it well worth while.

A Committee of Deans of Applied Science of the Canadian Universities Conference has been considering the question and at its spring meeting, our experiment was outlined and met with its approval. McGill, quite independently, is trying a somewhat similar experiment but along slightly different lines, and from these experiments the Committee is hopeful that a tolerable solution of the problem may be evolved.

5. Publications See list of Publications).

6. Researches under way

Department of Mechanical and Electrical Engineering:

H. Vickers - "The limiting value of the slip in the synchronous induction motor for pulling into step."
"Commutation in polyphase commutator motors."
"Failure of dielectrics and the mechanism of failure."
"Noise in induction motors."
"Influence of unbalanced windings on the short circuit current and overload capacity of induction motors."

L. B. Stacey- "Failure of static condensers under surge voltages."

Dr. H.F.G.Letson- "On internal combustion engines."

7. Increased Accommodation:

- (a) Larger class rooms are required for the Second and Third Years.
- (b) An extension of about 25 feet is needed on the Hydraulic and Testing Laboratory.

REPORT OF THE DEAN OF THE
FACULTY OF APPLIED SCIENCE continued)

In Electrical Engineering a Communication Laboratory
and a High Tension Laboratory.

- c) A room to be used as a Department Library and Reading
Room is required by the Department of Mechanical
and Electrical Engineering.

8. Other Urgent Needs.

The Department of Civil Engineering needs equipment
for graduate and research work, as does also the Department
of Mechanical and Electrical Engineering.

Respectfully submitted,

R. W. Brock.

REPORT OF THE DEAN OF THE FACULTY OF AGRICULTURE

The work of the Faculty has been continued without marked modification throughout the year. The emphasis on the various divisions of work may be changing but all lines have been continued. The teaching work while primary in its demands for attention has not tended to absorb more than a fair proportion of the time of the staff. If I judge the situation correctly, there is undoubtedly a decided tendency to recognize more openly what has been a fact for some time, that is the importance of the experimental and research work in Agriculture. Possibly even at this time the investigational work is the major interest of the Faculty. The teaching is coming to be based more and more on it.

The evidence of the strengthening of the emphasis on research is best noted in the structural changes that were authorized late in this academic year. These changes apply more particularly to the modifications that are being made in Room 114, Agriculture Building, whereby this room will be used in the future primarily for research in Dairying. This is being done in cooperation with the Empire Marketing Board. Some modifications are being made in Room 104 also, to permit of certain research work in Horticulture. These projects are referred to later.

The Office of the Record of Performance Association has been moved to the Winch Building, Vancouver. Professor Lloyd is still Secretary but has been relieved of a large proportion of the detailed work in connection with the Association. It is expected eventually that Professor Lloyd will act in an advisory capacity only.

The Farm Survey work has been continued but no change in policy or method has been made. About forty-two new farms were added to the number. These are in the area known as Central British Columbia and the work has been done in cooperation with Mr. A. E. Richards, Supervisor of Illustration Stations for British Columbia.

Agricultural Economics. Agricultural Economics as a subject has not yet attained the dignity of a department. Mr. Hare, as a member of the Department of Animal Husbandry, has recently organized and offers a course in Farm Management. This course is proving to be quite popular. It is a study of farms as they are and is based on the records of more than five hundred farms for from five to seven years.

The courses in Agricultural Economics and Marketing were attended by twenty-eight and nine students respectively.

REPORT OF THE DEAN OF THE
FACULTY OF AGRICULTURE (Continued)

Animal Husbandry.

CHANGES IN POLICY IN DEPARTMENTS

There have been no radical changes in the policy of the Department of Animal Husbandry for the past year with the exception of the plans for the introduction of a unit of imported Ayrshire cattle to the Dairy Barn as made possible through the kind donations of certain public-spirited men of this Province.

Also during the past year a Clydesdale stallion has been imported from Scotland jointly by the Delta Farmers' Institute and the University. This horse is to be used at the University Farm during the early part of the season and then travelled in the Ladner district for some two months. This joint ownership is proving quite workable and satisfactory to all parties concerned.

Agronomy.

It would seem desirable, within a not too distant future, to change, to some extent, the investigation policy of the Department of Agronomy by concentrating in some measure on comparative ecological studies of crop production in the Province and by extending the clover and grass work to embrace wild as well as cultivated forms. How such work may best be brought about will be an object of study and consideration during the summer.

Dairying.

No change in the policy of the Department of Dairying is to be reported. Thanks, however, to the grant which has been forthcoming from the Empire Marketing Board, the policy as defined in the report for 1927-1928 can be more intelligently and effectively pursued.

Poultry Husbandry.

The R.O.P. Association has experienced considerable growth in business, advancing from \$6,000.00 to \$100,000.00 turnover under the direction of the Head of the Department of Poultry Husbandry.

A down-town office for the R.O.P. Association has been established in Room 316, Winch Building, adjacent to the Poultry Division of the Dominion Livestock Branch and considerable assistance is now being given by the Dominion Department of Agriculture in routine work.

The Secretary, Professor Lloyd, has succeeded in systematizing the work of this association to such a degree that he now acts in an advisory capacity only. It is hoped that eventually Professor Lloyd will be relieved of all responsibility in connection with the association.

REPORT OF THE DEAN OF THE
FACULTY OF AGRICULTURE (Continued).

NEW COURSES

No new courses have been offered during the year by the regular departments. Under the heading of "Agricultural Economics" two new courses of graduate grade, Agricultural Economics 50 and Agricultural Economics 51, were authorized by Senate. Two students were registered for these courses.

PUBLICATIONS (See list of Publications)

RESEARCHES UNDER WAY.

Animal Husbandry.

Some progress has been made in the following research problems in Animal Husbandry and it is hoped that continued work will be carried on in practically all of these as they are not yet in a state of completion.

(a) The determination of blood normals in animals which is an endeavor to arrive at a method of diagnosis of various disease conditions. These blood normals are studied under varying conditions as to species, types, breeds, sex, age, pregnancy, lactation as well as ovarian, uterine and vaginal conditions. It is anticipated that this work will assist quite materially in Haematuria investigational work and in the prevention of skeletal trouble and calculi in the ureters of sheep, a condition which appears to be an economic consideration in the University herds and flocks. This is being conducted in cooperation with the Chemistry Department of the University of British Columbia.

(b) Studies in the cause and control of Haematuria or Red Water in cattle. This disease condition is very prevalent in the Lower Coastal regions of British Columbia.

(c) Investigation in the control of B. abortus in cattle through agglutination test and isolation. It is anticipated to extend this agglutination testing to other types of livestock. It is carried on in conjunction with the Department of Bacteriology at the University of British Columbia.

(d) Preventative measures in Infectious Mastitis through inoculation of infected and suspected animals.

(e) Investigation in the prevention of Navel Ill through the feeding of iodine to the pregnant mares, inoculation of foals and other preventative measures. Navel Ill is one of the most prevalent diseases in foals of this Province and few farmers are free from this disease.

REPORT OF THE DEAN OF THE
FACULTY OF AGRICULTURE (Continued)

(f) Prevention of influenza among young horses, especially those on pasture that are liable to be exposed to the infection. This work at the present time is taking the nature of inoculation. //

Agronomy.

In the vicinity of 1500 plots in experimental work of various kinds have been laid out and harvested in the Department of Agronomy. Besides, measurements and records have been taken of close to 100,000 individual plants all of which naturally involves a great deal of work and attention.

The following problems being carried on by members of this Department might be mentioned: "Inheritance in Cruciferous crossings; Alfalfa crossings; continued vegetative propagation in clovers, grasses and alfalfa; wheat and oat testing at various points in the Province; studies in nitrification and nitrogen sources."

Dairying.

The research work on which this Department is engaged was dealt with at some length in the 1927-1928 report.

Horticulture.

A definite policy of research has been initiated and some progress made in Horticulture during the past year.

Two rooms in the Agriculture Building are in process of being fitted up as a research laboratory, and equipment is now arriving.

Research work is to be carried on also in two specially equipped sections of the new greenhouses, while still other work is being undertaken in the fields.

Some of the main problems already outlined or under way are as follows:

"PROJECT 1. Studies on tree growth with special reference to root activities. Besides systematic measurements, this involves studies of cambial activity and factors affecting it, food reserves, etc.

This problem in addition to its interest from the standpoint of general physiology is of value as it relates to such practices as pruning and methods of training trees (particularly in the early stages), cultural treatment, and fertilizing problems.

REPORT OF THE DEAN OF THE
FACULTY OF AGRICULTURE (Continued)

"PROJECT 2. Studies on grasses with reference to lawn and orchard cover crop problems. The relative proportions and amounts of soil nutrients required by the different grasses and their relative ability to obtain the required nutrients from a given soil are being studied.

"PROJECT 3. To determine how and at what time of the year fruit tree roots absorb mineral nutrients and at what periods and under what conditions most of the activity takes place, with a view to ascertaining the best time of fertilizing and methods of handling soil in orchards.

Poultry Husbandry.

All researches in Poultry Husbandry are being continued, and additional researches are being undertaken by Mr. Biely on B.W.D., chicken pox, paralysis and other poultry diseases.

The effect of ultra-violet light on chicks, laying hens and breeding stock is to be studied during the coming year, a new lamp having been loaned by the Hanovia Company for this purpose.

INCREASED ACCOMMODATION, etc.

Class rooms in the Agriculture Building have been used to capacity during the past year. As much room as is possible has been loaned the Faculty of Arts and Science but with the additional research work this year, it will not be possible to make the usual loan of rooms. Also it is felt that Room "S" which hitherto has been used by Arts and Science as an office might this year be vacated. If this is done, there is adequate accommodation for Agriculture in this building for the time being.

The specific suggestions with regard to increased accommodation are made in the departmental reports.

EXTENSION SCHOOLS.

It is felt that an effort should be made during the winter of 1929-30 to offer once more extension schools in about four centers in the Province. Not only are the schools of great value from the point of view of the communities where they are held but they are an excellent means of keeping the staff in

REPORT OF THE DEAN OF THE
FACULTY OF AGRICULTURE (Continued)

touch with conditions in the country.

LAND FOR FARM.

Capital expenditure of \$25,000.00 in land clearing and making a farm would tend to reduce the feed bills very materially. I believe this possibility should be given serious consideration.

OILED ROADS IN HORTICULTURE.

It is suggested that consideration be given to the problem of oiling all dust roads on the farm and in Horticulture in particular. The dust problem is a cause of irritation and worry at times as well as a factor of damage to grass and crops.

Respectfully submitted,

F. M. Clement.

REPORT OF THE DEAN OF WOMEN.

As Dean of Women I beg to submit the following report of my work for the year 1928-29. Because of the nature of the work this report must be somewhat general and informal in its character. It may be summed up under the following general headings: Academic, Housing, Student Organizations, Employment, Social, Vocational, General.

Academic.

I have taught a class of freshmen women in English 1A and 1B, have advised students regarding their courses of study, have answered inquiries of professors regarding the general attitude of students whose work is not satisfactory, have conferred with students and with many parents who have asked for advice because of special lack of ability in certain courses, lack of interest generally in college work, lack of sufficient money to continue in college, &c., and have given help in other ways.

REPORT OF THE DEAN OF WOMEN (Continued)

Housing:

I have inspected boarding houses for out-of-town students, have advised regarding the housing of women and of a number of men students, have kept in touch with householders to see that as far as possible the discipline and conditions of a well-conducted home have prevailed in their houses.

Student Organizations:

As Honorary President of the Women's Undergraduate Society, the Panhellenic Council, the International Club, the Studio Club and the Women's Literary Society, I have attended meetings and have advised in the arrangement of programs and in other matters. The Panhellenic Council has presented especial difficulties this year because of the drawing up of a new Constitution, the "internationalizing" of two sororities and the many problems of the whole sorority situation. On the request of the sororities, "bidding" is now announced through the Dean of Women's office. This new system is doing away with some of the abuses inseparable from the older system of "rushing" and "bidding".

In connection with the Women's Literary Society I organized a course in public speaking and one in vocations, the lectures in the latter course being given by women who themselves are successful in these vocations. On the request of the students I spoke a number of times at meetings of their various organizations. Also at the beginning of the year I followed the practice common among Deans of Women of speaking to the women of the freshman class, the attendance, of course, being voluntary, on such subjects as: How to Live on Twenty-four hours a day, Right Study Habits, How to Fit into your new environment, Recreation, Boy and Girl Friendships, Women's Place in the World, Organization Life in College, &c. Frequently these meetings took the form of an open discussion.

Employment

Notwithstanding the organization of an employment bureau at the University with which I do not have any official connection, the majority of the persons who wish to secure the services of women students, and probably all of the women students, who wish to obtain work during the college term or during the

REPORT OF THE DEAN OF WOMEN (Continued)

vacation apply for assistance at my office. I have placed students who have given light services for room and board, taken care of children, tutored backward or delicate children, and performed other services by which they have earned the whole or part of their way through college. I have also placed a number of girls for the summer in summer hotels and camps, housework, in stores, in the Y.W.C.A., and in other work which will make possible their return to college next fall.

Social:

In the capacity of chaperon I have attended practically all of the functions organized by the students under the name of the University and have been consulted by them in their preparations.

Many students belong to what is called the unsocial type. Through timidity, or supersensitiveness or awkwardness, or lack of social training, or lack of sufficient money to dress well enough to make them feel comfortable in the intimate society of their fellow students, a large number of students are kept from participation in student social activities and do not achieve the all round development which they should have. Complaints are raised sometimes about the excessive social life in our University, but, as a matter of fact, there are more unsocial or socially inexperienced girls than oversocial. I have made a special effort to interest such girls in one or more of the student activities, and have organized a series of teas in my home and in the Women's Common Room at which I have asked the students of the second year regardless of their social experience to assist. These affairs have required only a half hour from each student concerned and consequently have not encroached upon her study time. I may add that judging from the comments which have reached me both from outside the University and from the students themselves, this work has been considered of value.

At Thanksgiving and at Christmas I arranged that all the out-of-town women students who could not go home, had an invitation for part of the vacation from some place in the city. In this work I was assisted by the Student Welfare Committee of the Faculty Women's Club under the convenership of Mrs. Lemuel Robertson.

I have kept in touch with students who have been ill, or in financial or other distress.

I have also assisted in securing loans for students and have placed gifts of money, clothing and text books from the

REPORT OF THE DEAN OF WOMEN (Continued)

University Women's Club, McGill Women's Association and other sources, for deserving students who were not entirely successful in their efforts to earn their way through, and others who were unexpectedly in need.

Vocational:

Perhaps the most important and most difficult part of my work has been that of assisting students in their choice of a vocation and in the selection of courses which will lead up to the vocation chosen. The statistics of adult workers show that not more than one in five selects and enters upon the life work for which he is best fitted. This means that four out of five get into life wrong, and points to the need of young people for assistance in the making of a choice.

General:

During the year I have been consulted about their teaching and other problems by a large number of graduates of the University, in this city and elsewhere, have served on two national and a number of local committees, have given a number of addresses to various organizations, have worked in connection with the plans to build a Women's Union have attended the conference of the Western branch of the Association of Deans of Women of the United States, &c.

During the coming summer I expect to visit widely among women in administrative positions in colleges and among college students in England, and Switzerland, also to attend the conference of the World Federation of Educational Institutions, and to represent the Canadian Federation of University Women on the council of the International Federation of University Women at their triennial conference in Geneva.

Respectfully submitted,

Mary L. Bollert.

REPORT OF THE LIBRARY COMMITTEE.

In October last, the Library Committee submitted its Report to the Senate and the Board of Governors.

REPORT OF THE UNIVERSITY EXTENSION COMMITTEE.

The period covered by the Report submitted by Dr. O. J. Todd, Secretary of this Committee, is from April 1st., 1928 to March 31st., 1929.

During this time, 48 members of the professorial staff delivered 248 lectures in 45 points in the Province. 138 of these lectures were not arranged by the Committee. The total attendance reported was 27,158.

Approximately one-half of these lectures were delivered in Vancouver and the immediate vicinity; but Vancouver Island, the Fraser Valley and the Interior - East and North - also provided representative audiences on over 100 occasions.

REPORT OF THE ACTING -HEAD OF THE UNIVERSITY

HEALTH SERVICE

I have the honour to submit the annual report of the University Health Service consisting of the reports to me of the Medical Examiner of students and of the Public Health Nurse:

- (a) Report of Medical Examiner of students.
- (b) Report of Public Health Nurse.

Respectfully submitted,
H. W. Hill.

(a) Report of the Medical Examiner of Students:

I have the honour to submit the annual report upon the physical examinations of the students of the first year, those of other years who for various reasons had not yet been examined, women participating in major athletics, and certain students whose physical condition was unsatisfactory last year.

An analysis of the statistical report shows that although those of the senior years had gained in height and weight,

REPORT OF THE ACTING-HEAD OF THE
UNIVERSITY HEALTH SERVICE (continued)

and although those definitely unfit had been weeded out by the process of examination, the chest expansion had definitely decreased. Those taking major athletics were the exceptions. This suggests that academic work may have been pursued at the expense of physical training. It is hoped that full use of the gymnasium, the acquisition of which now seems to be a certainty, will overcome this deficiency.

The number of students working under the handicap of poor vision uncorrected by glasses, is a matter of some concern. The number with diseased tonsils and teeth is still too large, although the number who have already had diseased tonsils removed is strikingly large.

Among those women taking major athletics a number were found in whom these strenuous exercises seemed to be working to their physical disadvantage.

The students re-examined all showed improvement.

In October, owing to the number of smallpox cases in the city, an epidemic at the University was expected, but happily this did not develop. This, no doubt, was partly due to the fact that so many are protected by vaccination, 77.7 per cent of those examined having been successfully vaccinated at some time during their lives, many of them at the clinic operated by the University Health Service.

The presence of a public health nurse at the University should help to make the Health Service more effective. Eighty-one students were marked for re-examination by the nurse next year, to see if the minor defects such as those of eyes, teeth, and tonsils discovered at the physical examination, will have been remedied. Sixteen of those having more serious defects were marked for re-examination by the University medical examiners, next autumn.

Respectfully submitted,

Harold White.

(b) Report of the Public Health Nurse

I have to present the second annual report covering the work of the 1928-29 session, as part-time Public Health Nurse in the University Health Service of the University of British Columbia.

Report of the Public Health Nurse (continued)

The inclusion this year of the Medical Examination Service, in the University Health Service, without previous preparation being made, resulted in the work as a whole, being carried out somewhat haphazardly. Since the recommendation for a new method of notification of students to be medically examined which I placed before you in April 1929 has been accepted, the so-called "invitation card", will no longer be used.

1. First Aid Department.

Eighteen hundred and forty two interviews and consultations, were held, including members of the Faculty, Staff, and workmen.

Three hundred and sixty eight students sought advice about health and various physical defects. Of this group, (a) two hundred and two were referred respectively to: Dentists, Specialists, or the Family Physician. The remaining group, (b) came within the province of the University Health Service, and advice was given, followed up where possible.

Follow-up of Defects Found by Medical Examiner

By far the most important of these defects, are those found and reported covering the particulars of those students (a) who through physical disabilities are exempt from athletics altogether; and of those (b), whose activities have to be modified.

Supervision of Infection.

With this phase of the work, last year's procedure was followed, that is, students becoming indisposed while on the Campus reporting at once, and those who had been exposed to infection reporting daily for prescribed periods. Any who suffered from infection or indisposition of undetermined nature, were if possible, transported home. Eighty-eight such transportations were effected, exclusive of volunteer transportation offered by students and members of the Faculty and Staff.

Vaccination.

Besides the questionnaire regarding vaccination stamped on the Registration Card, (which did not quite fulfil our expectations, owing to the failure of some of the students to return the card, and others omitting to fill in the history) a separate questionnaire was sent to about seven hundred First and Second Year students. The combined effort gave results which, if not measuring up to expectations, were sufficient to warrant the continuance of a similar effort this year, and to this end the

Report of the Public Health Nurse continued)

Registration Card has been revised on my recommendation. I would like to see compulsory vaccination introduced at the University. This would not be creating a precedent, since it is already practised in some of the Eastern Universities, notably the University of Toronto, where by order of the Board of Governors, every candidate for admission must submit a certificate of successful vaccination, with his or her application, or agree to submit such certificate within ten days after the opening of the session. Those who so desire may be vaccinated in the Toronto U. H. S.

University of B.C. students, to the number of three hundred and ninety-nine, during the current year, were vaccinated at the U.H.S., others were done by their Family Physician, as this service is only given by the University to those who for some reason desire it. Of those students vaccinated, ninety-eight had never previously been vaccinated.

Seventy-five students filed affidavits of Conscientious Objection. Many of these claimed they did not personally object, and were merely carrying out the wishes of parents; but that this was not always a true reason was proved in many instances, where it was discovered that the parents did not, in fact, object.

V. Health Education

The fact that this branch of education is required by some students, is evidenced by the number who have expressed a desire to take such lectures.

VI. Sanitary Inspection.

The Common Room sanitary conveniences show considerable improvement, although those in the Library Building leave much to be desired.

Respectfully submitted,

Celia A. Lucas.

REPORT OF THE OFFICER COMMANDING THE UNIVERSITY
OF BRITISH COLUMBIA CONTINGENT OF THE CANADIAN
OFFICERS TRAINING CORPS.

I beg to submit the following report on the work of the University of British Columbia Contingent of the Canadian Officers Training Corps for the session 1928-29:

1.	Enlistment of Cadets.	
	Number of Cadets enlisted -----	132
	Number of Cadets struck off strength -----	17
	Total strength in Cadets, end of session -----	115

The first members were taken on strength December 3, 1928. The majority joined the Corps on Dec. 3 and 4, 1928. The last enlistment took place on Feb. 25, 1929.

2. Camp at Victoria.

Under arrangements made by the Department of National Defence, District Headquarters, Victoria, 52 Cadets and 1 officer attended a camp at Victoria, Dec. 27, 1928 to Jan. 3, 1929. The members of the Corps were accommodated in the permanent buildings at Work Point Barracks. The time was spent in intensive training which proved of great value in the subsequent work of the Corps.

3. Appointment of Officers.

The following officers have been appointed to the Corps:
Lt.Col. H.T. Logan, M. C. Officer Commanding.
Major A. H. Finlay, M. C. and Bar.
Capt. G. M. Shrum, M.M.
Capt. L. B. Stacey.
Capt. G. B. Riddehough.
Lieut. D. B. Pollock.
Lieut. M. L. Bird.
Major G. A. Lamont C.A.M.C. (attached) Medical Officer.

4. Organization.

The Corps is organized as a 2-Company Battalion, with Battalion Headquarters. Each Company is composed of two

Report of the Officer Commanding the
University of British Columbia Contingent
of the Canadian Officers Training Corps, (continued)

Platoons. Capt. Stacey is acting Adjutant. Major Finlay commands 'A' Company, Capt. Shrum, 'B' Company.

Twenty-two Cadets were promoted to Cadet Non-Commissioned rank and posted to companies, platoons and sections.

5. Assistance of Permanent Active Militia.

The training of the Corps was made possible by the active cooperation and generous help of District Headquarters, which has carried the Corps through their initial and most difficult stage of its work.

Company Sargeant Major Instructor, W. J. Gibson, M.C. was assigned to the Corps during the entire period of training and rendered splendid service in every part of the Corps' activities -- in the Orderly Room, the Quartermaster's Stores, the Lecture Room, and on the Parade Ground.

6. Quarters

Quarters for Orderly Room and Stores were prepared in the basement of the Arts Building during the Christmas vacation, 1928-29. For parades the officer commanding the 1st B.C. Regiment, (Lt.-Col. H.F.G. Letson M.C.) kindly gave the use of the Beatty Street Drill Hall on two evenings, and for the Annual Inspection.

7. Issues.

The unit was issued with clothing and equipment, rifles, bayonets, office furniture etc. The clothing and equipment was returned to Battalion Stores by the Cadets at the end of the training season.

8. Training.

Training was carried out as follows: The greater part of the training consisted of lectures, two hours a week for all members of the Corps. These lectures were given in a lecture room of the University in accordance with a prepared syllabus. Three drill parades -- one on the Campus, two in the Drill Hall -- were carried out in preparation for the Annual Inspection. Because of the lack of time available, it was decided, with the approval of the General Staff Officer, Divisional Headquarters, to forego musketry training until next session.

Report of the Officer Commanding the
University of British Columbia Contingent
of the Canadian Officers' Training Corps (continued)

All cadets in training were passed as efficient -- less their musketry training -- by Brigadier J. Sutherland Brown, District Officer Commanding, Military District No. 11, at the Annual Inspection on March 23rd.

Three cadets attended special lectures given by Company Sergeant Major Instructor Gibson and Lt.-Col. G. R. Pearkes, V.C., D.S.O., M.C., General Staff Officer, Military District, No. 11, and passed the practical portion and wrote the theoretical portion of the War Office Examination for certificate 'A'.

In addition three general lectures were given to the Corps as follows:

1. Discipline and Leadership: by the Commanding Officer.
2. The Battle of Bourlon Wood: by Major Finlay.
3. Infantry in Battle: by Lt.-Col. G.R. Pearkes.

All training was arranged so as not to interfere either with regular University work or with other Student activities, especially athletics.

9. Social Activities.

The social activities of the season consisted of two Smoking Concerts, one held at the beginning of the Spring Term, the second on the evening of the day of the Annual Inspection. The General Officer Commanding the District, the General Staff Officer and a number of Officers Commanding local Militia Units, honoured the Corps by attending the final entertainment.

10. Cooperation of Local Militia Units.

The organization of the Corps has received the very warm approval of the local Units of the Non-permanent Active Militia. A number of Senior Officers of the Units attended the Annual Inspection and in other ways have shown a keen interest in the Corps and their desire to assist in any way possible. Also, a number of enquiries have been received from Commanding Officers regarding a supply of Subaltern Officers for their Units from among trained members of the University Corps. It is clear that the Corps will fill an important place in the Military needs of the community.

In general, Officers and Cadets have shown the utmost keenness in the work of the Unit. At once they entered into the

Report of the Officer Commanding the
University of British Columbia Contingent
of the Canadian Officers' Training Corps (Continued).

spirit of their training, and have developed a warm esprit de corps in the brief period since the formation of the Battalion. In attendance at lectures and parades the cadets were regular and carried out all instructions cheerfully and eagerly. All but two have signified their intention in writing, of continuing in the Corps next session.

Respectfully submitted

H.T.Logan,

Lieutenant-Colonel.

December 16th-1929.

L. S. KLINCK,

President.