

SPECIAL CONVOCATION ISSUE



CANADA'S OLDEST COLLEGE NEWSPAPER

Vol. LXXXI

HALIFAX, NOVA SCOTIA, OCTOBER 29, 1958

No. 4

MEN'S RESIDENCE IS ANNOUNCED

Dalhousie's dream for decades, a new Men's Residence, is about to become a reality. The announcement was made Sunday by Dave Matheson, President of the Council of Students, speaking on behalf of Dr. A. E. Kerr, president of the University. Plans for the new structure have been considered by university officials for some time and recently an architect's design was selected.

The E-shaped building will be constructed in the very near future on the north-east corner of the university grounds. From this position its main entrances will face King's College. The stone-fronted structure will comprise a ground floor plus three above-ground-level floors. The main wing will contain a large, modern dining room, a library, a chapel, and two lounges.

Among the many new-to-Dalhousie features in the building will be a student snack bar, service elevators, two special guest rooms, and a large kitchen. Heating will be under the Thermostat system, whereby individuals may control the heat in individual rooms. The rooms themselves will be modern and comfortable, and will serve about 153 students. Compare this to the present 40 living at Dalhousie, and an idea of the magnitude of the step forward may be comprehended.

Council members Martin Fransworth, Stu Mackinnon and John Stewart formed a committee to review the present Residence plans with Dave Matheson, Professor Chisholm, and Dr. Kerr. Tenders will be let for the project as soon as final financial and architectural arrangements are completed.

But the fact remains, Dalhousie is soon to see the material beginnings of a long-awaited project. With the Dunn Science Building partially completed, and a new Men's Residence on the way, Dalhousie will soon take a back seat to no one in the modernity and attractiveness of her facilities.

Attend Dal-Com Hard Times Dance Friday night in the Gym. Proceeds will go to the Springhill Relief Fund.

Judith Bennett Crowned Law Queen



Dean Horace E. Reid is seen crowning Judith Bennett Law Queen at the Law Ball held at the Nova Scotian Hotel on Friday evening.

Blood Drive Next Week

William Shakespeare tended to look upon man as an ethereal being, for he stated that "We are such stuff as dreams are made on". Perhaps there is truth in this; but there is just as much truth in the fact that we are mortal, and life, short though it may be, must be preserved as long as possible. In this, blood is essential.

Next week is Dalhousie's annual blood drive. It is part of a National drive from which it is hoped the blood banks of Canada will benefit greatly. We do not suggest that giv-

ing blood is a mere competition; it is much more than that. It is giving life, at no personal cost whatsoever, to another human being.

There are numerous healthy students among Dalhousie's 1600 enrollment. Only if you are under age—17 or younger—will you be unable to contribute. Student donations have always been placed upon an Inter-faculty and inter-fraternity basis, with a trophy going to the fraternity with the highest percentage of donation. This is a good idea in itself, but it does not obscure the basic point: blood is needed.

Last year, the inter-faculty Trophy was taken by Pharmacy, who donated an excellent 92.3% of those enrolled. The Engineers won the Butsy O'Brien Trophy for faculties with enrollment over 100, with 78.5%. Zeta Psi and Tau Epsilon fraternities led their fraternal associates with 100% contributing.

The donation of blood is one of the most worthwhile causes to which a student may give a few minutes of his time. Below are the all-important dates of the drive. Every student is eligible; give generously.

DATES AND TIMES BLOOD DRIVE

Tuesday, November 4:
11:30 a.m. to 2:30 p.m.
4:00 p.m. to 5:30 p.m.
Wednesday, November 5:
11:30 a.m. to 2:30 p.m.
4:00 p.m. to 5:30 p.m.
7:00 p.m. to 8:00 p.m.
Thursday, November 6:
11:30 a.m. to 2:30 p.m.
4:00 p.m. to 5:30 p.m.

LAW LIBERALS

HEAR MACEACHERN

Mr. Allan J. MacEachern, Chief of Research in the office of the Leader of the Opposition at Ottawa addressed the Dalhousie Law School Liberal Club on Tuesday afternoon. Mr. MacEachern accompanied L. B. Pearson on his recent tour of Canada and will return to Ottawa shortly.

Busy Student Forum Discusses Problems

A mere 60 students made the effort to attend the first Students' Forum of 1958-59 term, held in Room 21 last Wednesday afternoon. Dave Matheson presiding and the discussion was spirited, but without the necessary quorum no motions or recommendations could be effected.

The Meds Tri-Semester Exam System, and their participation in campus activities, came up for much discussion. Byron Reid and Isaac Boniuk reported on the findings and recommendations of a special Students Council committee appointed last year to investigate the situation. One major difficulty considered was the scheduling of interfac sports. Some progress has been made to date allowing the Meds to take a more active part in the leagues. Great conflict has arisen over the difference in exam

times; this has forced the Meds to forgo participation in a number of activities, because of their early exams. At other times, they have found themselves with nothing to do because of Studley examinations. This problem is perhaps the most pressing on the campus; however, no moves have been made yet to alleviate the situation. It was also pointed out by the committee that there is no recreation period set aside in the Gym for men.

A lengthy discussion was held on the possible connection of the Stu-

dents Council with The Medical Journal, the publication of the Dalhousie Medical Society. The possible use of the Dal Advertising Bureau to obtain advertising for the Journal was discussed and will be investigated further by Council President Dave Matheson. Other matters included Council point credits to those who edit the Journal and the possibility of a more widespread use of the Journal to include more Dal students. No recommendations were recorded, but the matter will presumably be heard by the Students Council.

Campus spirit came up for discussion. Due to the small attendance and lack of sufficient time to discuss the problem, little action was taken, but a number of suggestions were put forward.

Stu MacKinnon reported on the 22nd Congress of NFCUS held in Ottawa from October 5-9. He spoke on the various aspects of the conference and pointed out the advantages of NFCUS membership as well as the advantages of the annual congress.

COUNCIL GIVES TO SPRINGHILL

At the Dalhousie Council of Students meeting held in the West Common Room on Sunday afternoon a motion was adopted that the sincere sympathy of the Council and the students be expressed to the community of Springhill. A cheque for \$500 will be presented by the Council to the Mayor of Springhill, to aid in family relief.

Gary Homer was declared elected by acclamation to the post of NFCUS Chairman.

A report was given by Alan Fleming on the progress made by the Dal-Kings committee. The Council was asked for opinions and suggestions regarding the 1953 agreement, which the committee is surveying.

Jim Boutiller, publicity director reported he had purchased a new set of stamps and yellow paper for posters, and showed a sample of a

new bulletin board he has designed. The Council approved a \$50 addition to his budget for more paper, stamps and boards.

Murray Dewis, president of DAAC, listed for the Council the number of hours that students would be allowed to use the rink. The Council discussed the arrangements to be made with N.S. Tech and St. Mary's about intercollegiate hockey games all of which will be played at the Dal rink. Murray also asked that members of the football team be given a meal following practices, so that they would have a chance to get together and talk about their playing. The Council decided that they would give the players a meal before each game.

Butsy O'Brien's application to run the rink canteen, with the help of Pi Beta Phi and Alpha Gamma Delta Fraternities, was accepted.



Canada's oldest college newspaper. Member of Canadian University Press. Opinions expressed editorially are not the official opinion of the Council of Students. Official publication of students of Dalhousie University, Halifax, Nova Scotia.

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CUP EDITOR: Norman Rebin.

PHOTOGRAPHY: Dave Thomas.

The Gazette is indebted to Douglas Fraser without whose help this special edition on the laying of the cornerstone of the Sir James Dunn Science Building could never have been prepared.

Past, Present and Future

For all Dalhousians this is a week to remember, a week in which our past, present and future stand united in the events which are now taking place. We celebrate a 75th anniversary, seeing the laying of the cornerstone of a new building, hear the announcement of construction of another building and with these look to a future of growth and expansion, even greater than we have seen in the past.

On Wednesday a half holiday has been granted so that we may attend the ceremony where Lady Dunn will lay the cornerstone of the new Sir James Dunn Science Building. A special convocation at which Lord Beaverbrook will be principle speaker and Lady Dunn and her son, Sir Philip Dunn, Bart., honored guests, is being held to observe the occasion.

Over the weekend graduates of the Dalhousie Law School will assemble to mark another memorable event, the 75th anniversary of the Law School. Prominent members of the Bench and Bar will return to Dalhousie for the celebrations which will commemorate the founding in 1883 of one of the great Law Schools on this continent.

Yet another milestone will combine with the previous two in making this week one of the most notable in the history of Dalhousie. The University has announced, with the approval of the President of the Council of Students and his committee, that plans have been completed for a new Men's Residence. Construction for this much needed, long awaited addition to the campus will begin as soon as tenders have been accepted.

The events of this week remind us of the partnership which we have with those who have gone before us and those who will come after us. To tradition we owe the long successful record of the Law School and to the future we give the resourcefulness, spirit and conditions for learning which every student who has passed through Dalhousie has tried always to improve.

LETTERS TO THE EDITOR

Xaverian Replies

October 18, 1958

Editor-in-Chief
The Dalhousie Gazette
Dalhousie University
Halifax, Nova Scotia.

Dear Madam Editor:

I read with interest this week's copy of the *Gazette*, which the *Xaverian Weekly* of course receives under CUP exchange agreement. Before going any farther, allow me to congratulate you and your staff on a very fine issue.

One item in particular interested me—the letter to the Editor signed "a Football Fan." Certainly the sentiments expressed in this letter were laudable, and as a student at St. F.X. I can say that of all the teams with which St. F.X. regularly does battle, those from Dal provide more interest on our part and a keener desire on the part of our athletes than any other.

The fact that the letter mentions athletic scholarships at "a certain university" is what has goaded me into writing this note. It is the presumption on the part of the letter writer, the tacit agreement with others in the "Dalhousie cry that our rivals to the northeast produces athletic teams chock-full of professionals" that disturbs me.

This is not a new presumption, and Dal is not the only university in the Maritimes whose students are guilty of it. Once and for all, however, I would like to set the record straight. **NO MEMBER OF ST. F.X. VARSITY FOOTBALL TEAM IS ATTENDING SCHOOL HERE UNDER A SCHOLARSHIP GIVEN BY THE SCHOOL ITSELF**, unless it is given for academic achievement. Likewise, no member of the basketball and hockey teams which will shortly face Dal's are recipients of athletic scholarships.

As proof of the charges, it has often been pointed out that a large number of our team members are Americans. Why, it is asked, should they by-pass their own very fine schools and attend a University in a foreign country?

The answer to that is indeed dollars and cents. The tuition, room and board, books, spending money, and incidental expenses for a year here add us to a total in the neighborhood of \$1200, roughly half the yearly cost at a corresponding private college in the States and about \$500 less than the cost of attending a State-run institution.

St. F.X. has always had a large number of students whose homes are outside this Province. Incidentally the ratio of American students to the total number of students here has not changed significantly over the past 25 years, although of course as enrollment has expanded, the absolute number has increased.

There is no denying that these students who also play football are not here totally by accident. Every St. F.X. student is a press agent for the place, and when he returns home he encourages friends and high school companions to join him here. Also, members of our Alumni are anxious that Alma Mater have always a good number of new students who will be in time an asset. But I emphatically deny that any of the athletes who represent St. F.X. receive athletic scholarships from the school.

I hope, Madam Editor, that this letter will be read in the spirit with which it is written: the desire to correct misunderstanding and remove any ill feelings which this misunderstanding has brought about.

Yours sincerely,

PETER BERRY,
Editor,
The Xaverian Weekly

The Editor,
The Dalhousie Gazette,
Dalhousie University.

Dear Madame:

As a Dal student, I would like to express my views on what has been called the "alleged apathy on this campus." I'm sure few people will disagree that this lack of spirit is no longer "alleged" but is an established fact.

Just one more example of this appalling lack of spirit took place last Saturday afternoon. The Pep Cats had advertised a spirit parade which was to leave Shirreff Hall at 1:15 for the football field. The number of Tiger supporters who showed up for the parade was negligible.

If more Dalhousians would follow the suggestion given in last week's *Gazette* by an Individualist, this situation might be remedied.

Sincerely yours,

Disgusted.

Pine Hill Residence
Halifax, Nova Scotia
October 26, 1958.

The Editor,
The Dalhousie Gazette,
Dalhousie University

Dear Madame:

I have neither language nor style but I wager you will think twice before you print this item.

To the professor: Treat me like a child, and I shall act like a child; treat me as an adult and I shall die trying to be one. Education reform is best in the hands of someone foreign to the field.

To the student: Cheer up, things used to be better.

To Norm: Take 10 years out and try English I.

To the ex-Tiger supporter: If that is your type of sportsman, try another university in Nova Scotia; your life will be happier.

To the hopeful and the individualist: Cheers to apathy, it may be the only friend I have left at Dal.

Sincerely,

C. R. Barbour.

Dalhousie University

HALIFAX, NOVA SCOTIA

FOUNDED

1818

Offers exceptional opportunities for students in Arts, Science and the professions.

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COURSES LEADING TO DIPLOMAS IN:

Engineering, Education, Music, Nursing, (Public Health, Teaching and Administration).

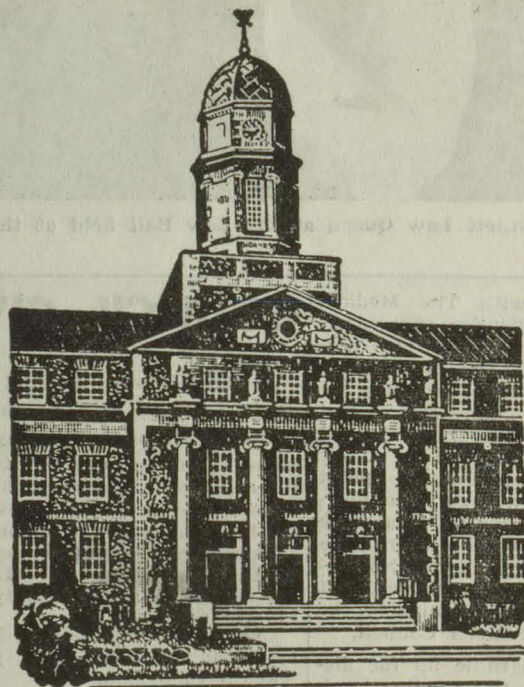
HONOUR COURSES IN MANY FIELDS

The Faculty of Graduate Studies offers courses leading to the degrees of M.A., M.Sc., L.L.M., and Ph.D., in Biological Sciences.

TEACHING FELLOWSHIPS

A number of Teaching Fellowships of value up to \$1,100.00 per annum are available in the Faculty of Graduate studies.

EXCELLENT RESIDENCE ACCOMMODATION FOR WOMEN STUDENTS.

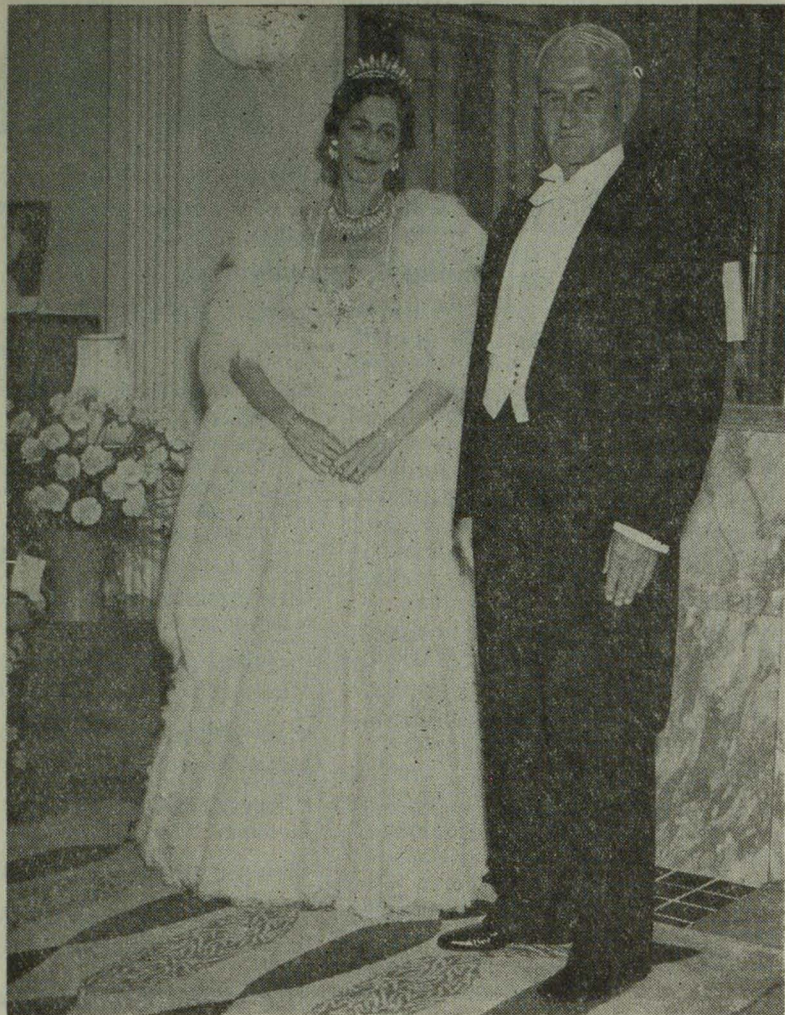


FOR FULL PARTICULARS

WRITE

THE REGISTRAR
DALHOUSIE UNIVERSITY

HALIFAX, N. S.



Lady Dunn and Sir James Dunn

"All through the years Sir James never forgot his student days at Dalhousie and he so often recalled them that the link he forged many years ago has now become a bond. Over the years he steadfastly backed up his interests in educational institutions in tangible form and most of the universities in Canada benefited, especially those in the Maritimes."

From REMEMBRANCE 29th October, 1958, by Lady Dunn.

Excerpt from the Three Keys to Success by Lord Beaverbrook

Another great lesson may be learned by the curious seeker after success who studies the life of Sir James Dunn, Bart., who was born in the little town of Bathurst, in Northern New Brunswick. His mother, a widow, took the precaution of educating her son in a course of law at an important university. It was not an ample education; there was no degree in arts as a preliminary to the law course; just three years in law with the young man making his own contribution in money through his labour in the holiday time.

Equipped with a degree in law he set out on his own. His health was good; his industry was prodigious, and his judgment was developed by the necessity for the knowledge of values of securities on the Montreal stock exchange and elsewhere.

I will not attempt to give a biographical account of Sir James Dunn; I will content myself with trying to tell the secret of his life. He determined on the development of an iron and steel works in Western Canada and with unerring judgment decided that raw materials constituted an essential feature of his project, including coal and iron ore. Now comes the lesson that we may have from him: He encountered endless obstacles; disheartening troubles; wearying difficulties; indifference by banking institutions that ought not to have turned away from him considering the national value of his great development.

He had the tenacity to hold on. He could not be diverted from his purpose. With a courage and devotion to his belief which will be an inspiration to all men who study his life he came through to triumph, establishing possibly the only fully equipped steel-works in the world of which the control in share capital was vested in a single individual. Responsibility was a pleasure to him throughout his life, even when

past the normal age of personal drive. He celebrated his attainment of three score years and ten by embarking upon the constructive era of his life. It was ushered in by a severe and painful attack of angina which held him to a bed of anguish and woe for several weeks. It was an affliction which would have sent a lesser figure into immediate and futile retirement.

Sir James Dunn was of course, an optimistic believer in himself. Courage and confidence in his own vital strength

Now, Sir James Dunn's story is the greatest argument against those who believe that opportunity and endeavour are reserved for the youthful, for his most wonderful work was accomplished in the main, after he had reached the allotted

span. He did more and bigger building after his 70th birthday than in all the years that had gone before.

"SIR JAMES DUNN'S personal magnetism was something which had to be experienced to be believed. One morning my telephone rang. The operator said "Sir James Dunn wishes to talk to you". He wanted information, he got it, with a few fast questions right to the point. Then a cheery word that I would hear further details of his inquiry in good time, he said goodbye. My watch said two minutes had elapsed and I marvelled how a man could think so swiftly at an early hour in the morning, when I was trying to unshackle my drowsy mind for the business of the day."

Evening Functions

Following the Convocation and Laying of the Cornerstone, two functions are scheduled for the evening. The Chancellor, the Right Honourable C. D. Howe, and Mrs. Howe, will be hosts at a dinner in honour of the birthday of Sir James Dunn, Bart. Among the distinguished guests will be Lady Lunn; Lord Beaverbrook and party; Dr. A. E. Kerr, President of the University; the Deans; Heads of Departments of Science and their wives; representatives of government; the Judiciary; press, radio, and the wire services.

The Chancellor and Mrs. Howe will also be hosts at a ball for students at the Nova Scotia Hotel.

GREETINGS FROM

FOUNDATION MARITIME LIMITED

135 LOWER WATER STREET

HALIFAX, N. S.

PROGRAMME

SPECIAL CONVOCATION
For the Laying of the Cornerstone, Sir James Dunn Science Building
October 29, 1958

ORDER OF PROCEEDINGS

CONVOCATION

UNIVERSITY HYMN "From Ocean Unto Ocean"

CHAIRMAN

The Rt. Hon. C. D. Howe, P.C., B.Sc., LL.D., D.Eng., D.Sc., D.C.L.
Chancellor of the University

INVOCATION The Reverend Frank Lawson, B.A., B.D.

ADDRESS OF WELCOME President A. E. Kerr, B.D., D.D., LL.D.

ADDRESS TO CONVOCATION

The Rt. Hon. Lord Beaverbrook, P.C., LL.D., D.Litt., D.C.L.

BENEDICTION

The audience is requested to rise on the approach of the academic procession and to remain standing until the close of the Prayer of Invocation.

After the Benediction, the audience will remain standing until the academic procession has left the building and it will then follow to the Sir James Dunn Science Building.

ORDER OF PROCESSION

The Procession to the Platform will be marshalled at the South end of the Board and Senate Chamber, Arts and Administration Building at 2:50 p.m.

Dr. H. R. Theakston J. Philip Dumaresq, Esq.
R. B. Cameron, Esq. A. G. Sullivan, Esq.
Dr. C. G. I. Friedlaender Dr. H. L. Bronson
Brigadier E. W. Haldenby Dr. J. H. L. Johnstone
The Dean of Dentistry W. N. Wickwire, Esq.
The Dean of Medicine Rev. Frank Lawson
The Dean of Law Sir Philip Dunn, Bart
The Dean of Arts and Science The Premier of Nova Scotia
The Vice-President Acting-Chairman Board of Governor
The Rt. Hon. Lord Beaverbrook, P.C.
The Lieutenant-Governor of Nova Scotia Lady Dunn
The President The Chancellor

At the close of Convocation, the Chancellor, following the Mace, will lead the academic procession to the Board and Senate Room and thence to the site of the Corner Stone.

LAYING OF THE CORNER STONE

Chairman THE CHANCELLOR

Those seated on the Platform will be:

The Chancellor The President
The Lieutenant-Governor of Nova Scotia Lady Dunn
The Rt. Hon. Lord Beaverbrook, P.C. The Premier of Nova Scotia
The Acting-Chairman Board of Governors Sir Philip Dunn, Bart
The Architect W. N. Wickwire, Esq.
The Associate Architect The Contractor
R. B. Cameron, Esq.

THE CHAIRMAN will open the Ceremony and present a sealed box with a list of its contents to The Architect.

THE ARCHITECT, Brigadier E. W. Haldenby, C.B.E., M.C., B.A.Sc., F.R.A.I.C. will place the bar in the stone.

THE ASSOCIATE ARCHITECT, J. Philip Dumaresq, Esq., M.E.I.C., M.R.A.I.C. will call upon The Contractor.

THE CONTRACTOR, A. G. Sullivan, Esq., will report on the state of the building.

THE ARCHITECT will present an inscribed silver trowel to Lady Dunn.

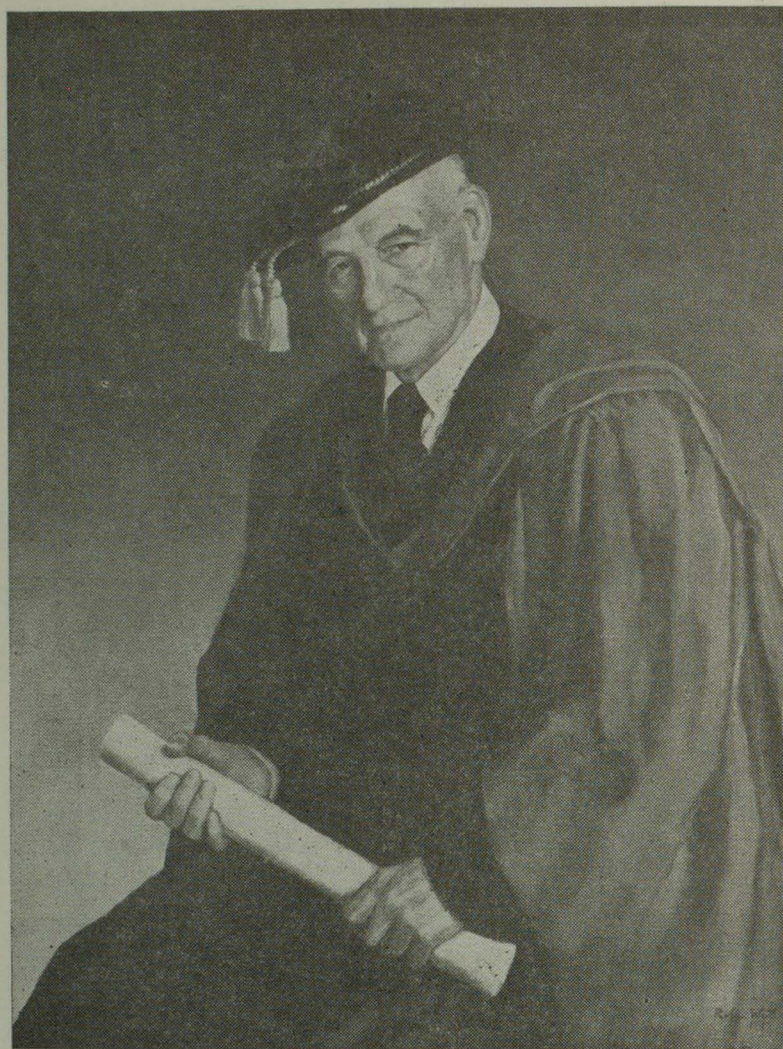
LADY DUNN will lay the Stone; and when this is done she will say: "I DECLARE THIS STONE TO BE WELL AND TRULY LAID."

THE PRESIDENT will offer the Prayer and Benediction.

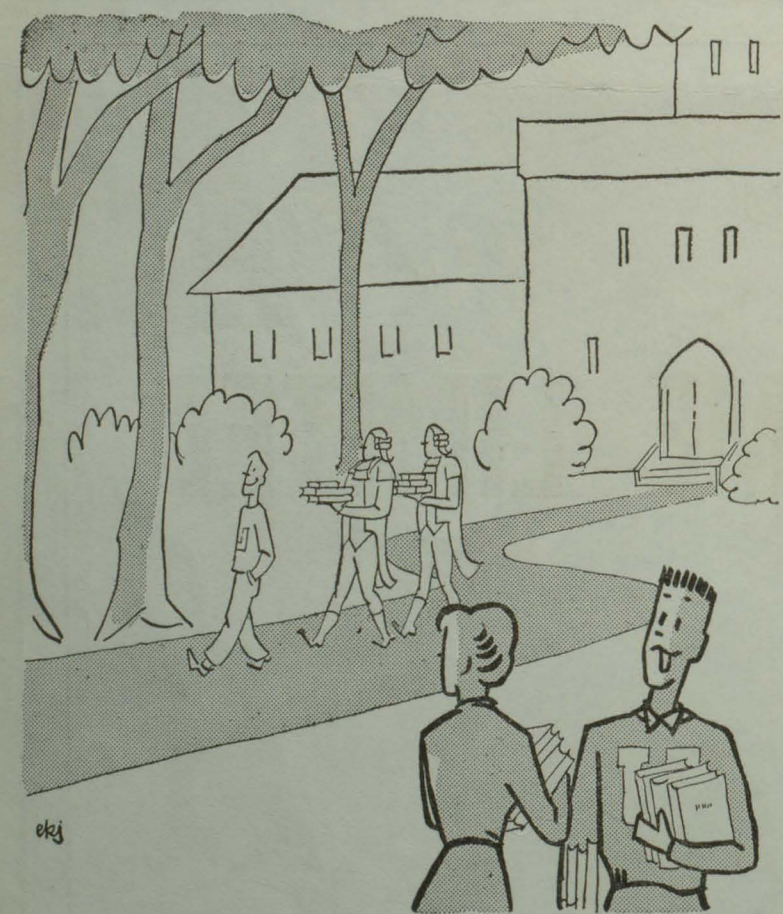
GOD SAVE THE QUEEN

THE CHANCELLOR, preceded by the Mace, will lead the platform party and the academic procession to the Board and Senate Room.

The Band of the Royal Canadian Artillery by kind permission of Major-General M. P. Bogert, C.B.E., D.S.O., C.D.



Sir James Dunn



He says he does it by Steady Saving
at the Bank of Montreal*

*The Bank where Students' accounts are warmly welcomed.

You'll find these B of M branches especially convenient
Main Office, Hollis & George Sts. North End, 268 Gottingen St.
Fairview, 377 Dutch Village Rd. Oxford & Cork Sts.
Quinpool Rd. & Harvard St.

Department of Engineering

DR. H. R. THEAKSTON

Prior to the year 1909, Dalhousie University had, for some years, given the Bachelor of Engineering degree in both Civil and Mining Engineering, and during that period, numbers among the graduates many whose names became outstanding in the profession. In 1909, the Nova Scotia Technical College was opened by the Province of Nova Scotia to give the final two years of the degree course in Civil, Electrical, Mechanical and Mining Engineering, Dalhousie, in common with the other Universities in the Atlantic Provinces, since then has given a three-year (from Junior Matriculation) general course in engineering, leading to the final two years of specialization at the Nova Scotia Technical College and certain other degree granting institutions.



"Lady Dunn Turning First Sod"

The first Professor of Engineering and Head of the Department was C. D. Howe, now Rt. Hon. C. D. Howe, Chancellor of this University. He was followed in 1913 by Professor J. N. Finlayson who left Dalhousie to become Dean of Engineering at the University of Manitoba and later at the University of British Columbia; in 1919 by Professor R. A. Spencer who after a year became Dean of Engineering at the University of Saskatchewan; in 1920 by the late Professor Copp who died early in 1946, followed by the present Head of the Department and occupant of the Rt. Hon. C. D. Howe Chair of Engineering, Professor H. R. Theakston who had first joined the Department with Professor Copp in 1921. There are now three other members on the Engineering Staff—Professors K. F. Marginson, A. F. Chisholm and R. L. Vatcher.

The Department gives the courses in Drawing, Surveying, Mechanics (including Kinematics and Graphical Statics), Strength of Materials,

Materials of Construction, and Engineering Problems — a total of eleven.

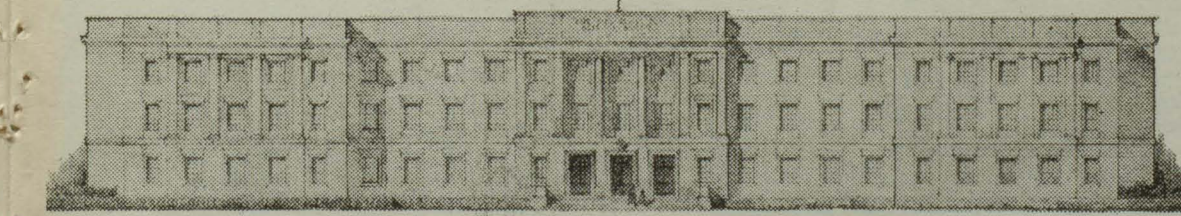
No great changes in courses or content are anticipated in the near future. The course is kept quite fluid and the University is in constant contact with the Nova Scotia Technical College and minor and some major changes are made frequently. Also the Deans or Heads of Engineering Departments of the colleges in the Atlantic Provinces are members of the Senate at Nova Scotia Tech.

In 1945, the Department vacated its old cramped quarters in the Science Building and took over, with Geology, a more commodious, though temporary, building which had been used by the Navy during the war. These quarters have proved adequate during the past 13 years, but the members of the Staff are looking forward with great interest to the fall of 1960 when the move will be made to the larger more modern quarters in the Sir James Dunn Science Building now in course of erection.

The Sir James Dunn Science Building

The building is designed to provide laboratory, research space, and lecture room accommodation for the Departments of Engineering, Geology, and Physics. The structure consists of a basement and three floors. The main entrance is in the center of the West side and leads into a magnificent entrance hall in which will be hung a portrait of Sir James.

Most of the space in the basement, first and second floor will be occupied by the Physics Department. The basement rooms, designed for research in Low Temperature Physics, will contain liquid air and liquid helium plants, which while provide temperatures as low as 469 degrees below zero Fahrenheit. In the basement there will also be ample space for machine shop, electronic shop and student workshop facilities. To the right and left of the entrance hall on the first floor are two large laboratories, to be used by students commencing the study of physics. There are also three lecture rooms on this floor, one to seat 230 and two others to seat 85 each. A seminar room, an office for the head of the Department of Physics; three lecture preparation rooms and two



Architect's View of the Sir James Dunn Science Building

research rooms occupying the remainder of the floor.

The second floor is planned to contain laboratories for instruction in advanced physics; several seminar rooms, offices and individual research rooms for professors and a staff common room to serve the three departments. An important feature of this floor will be a large

and well-fitted library to serve the three departments.

On the third floor will be found a very large and modern engineering draughting room; a joint Geology and Engineering lecture room; a seminar and study room for Engineering; several junior and advanced laboratories for Geology; seminar and research space for the

Department of Geology; staff study rooms for engineering, and offices for the heads of the Departments of Engineering and of Geology.

It is intended that the Building shall be the most modern and up-to-date of its kind in Canada.

It is expected to be ready for occupancy, July 1960.

Honoris Causa

At a Special Convocation held on Munro Day, Tuesday, March 9, 1958, Sir James Dunn received the honorary degree of Doctor of Laws. He was presented by Dr. V. C. MacDonald, then Dean of the Faculty of Law, and now a Justice of the Supreme Court of Nova Scotia. In his citation Dean MacDonald said:

In the half-century since his graduation in Law from Dalhousie, the career of James Hamet Dunn has ranged through such phases as legal practice, banking, and the conduct of great business enterprises.

Professional practice at the Bars of Nova Scotia, the Northwest Territory and of Quebec and in the nation's capital was soon succeeded by financial and industrial activities, prosecuted with great success in Canada and in Great Britain. Of the value to him in all these varied fields of the legal training received here he has given eloquent testimony, both in words and by tangible tribute to the memory of his old teacher, Dean Weldon.

In 1902 he became a member of the Montreal Stock Exchange and shortly thereafter founded an influential firm of investment bankers in London, England. "Valuable services rendered during the War led His Majesty in 1921 to confer a Baronetcy upon him with the title "Sir James Dunn, Bart."

Increasing participation in the affairs of a vast project of industrial development in the Lake Superior region culminated in the elevation of Sir James, in 1935, to the Presidency of the Algoma Steel Corporation and of powerful affiliated companies concerned in the production of coal, coke and iron ore. In these capacities Sir James has played an active and controlling part in the growth of one of the vital factors in our peace-time economy, as it was one of the elements of the strength of the United Nations in the industrialized warfare so recently concluded.

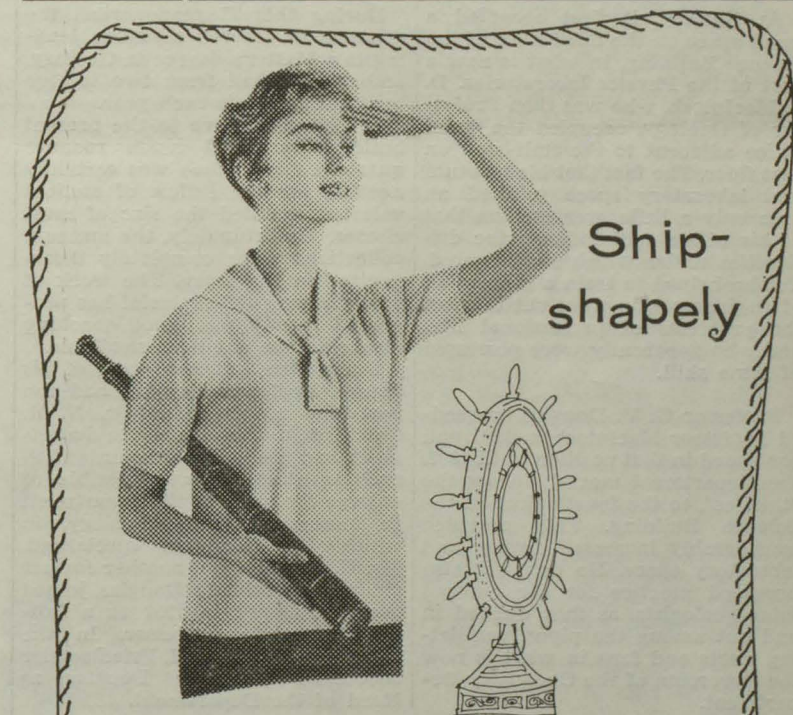
It is in recognition of this record of achievement in the realms of law, of finance, of industrial management, and of public service in two great wars, that the Senate requests you, Mr. President, to admit Sir James Dunn to the degree of Doctor of Laws *honoris causa*.



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List of Items Deposited in
Cornerstone of Sir James Dunn Science Building
Dalhousie University, Halifax, N. S.
Cornerstone Laying, October 29th, 1958

1. The Holy Bible.
2. "Remembrance, 29th October, 1958" by Lady Dunn.
3. Photograph of Sir James Dunn, Bart.
4. Copy of Invitation to Special Convocation and Ceremony of laying of Corner-stone.
5. Copy of Programme of Proceedings at Laying of Corner-stone.
6. Copy of Lord Beaverbrook's address at Special Convocation.
7. Drawing of platform layout, Corner-stone Laying.
8. Copies of Invitations to Dinner and Dance honouring birthday of Sir James Dunn, October 29th, 1958.
9. Pamphlet on the Physics Department.
10. Canadian Journal of Physics, September 1958.
11. Article on Dalhousie Engineering from Journal of E.I.C. May, 1958.
12. Pamphlet on Rt. Hon. C. D. Howe Chair of Engineering.
13. Greetings from Geology Department.
14. Plan of Studley Campus.
15. Copy of Alumni News, June 1958.
16. Copy of Dalhousie Review, Summer 1958.
17. Copies of Dalhousie Gazette, October 30th and November 6th, 1957, re turning of first sod of new building.
18. Halifax Chronicle-Herald, October 29th, 1958.
19. Canadian coins, 1958.
20. Five cent Canadian stamp commemorating Bicentennial of Representative Government in Nova Scotia.
21. Dalhousie University Calendar 1958-59.
22. List of contents.

Department of Physics

by DR. ARCHIBALD

The first chair of Physics, as such, in Canada was established in Dalhousie University by George Munro in 1878.

Dr. J. J. MacKenzie of Pictou, who first held the chair, died suddenly, having served about one year. He was succeeded by Dr. J. G. MacGregor, one of the two Dalhousie professors of Physics who became Fellows of the Royal Society of London. After a very distinguished record at Dalhousie, MacGregor resigned in 1901 to accept the post of Professor of Physics at Edinburgh, becoming the successor of the famous Tait. Stephen Dixon of Trinity College, Dublin, held the chair until 1903, when he resigned to become head of the new department of Engineering at Dalhousie. Then came Dr. Hebb, who subsequently left to join the Department of Physics of the University of British Columbia, and later became its head. Dr. A. S. MacKenzie, who later became President of the University, was made George Munro Professor in 1905. He resigned in 1910 to become head of the Department of Physics at the Stevens Institute of Technology. Dr. MacKenzie was followed by Dr. H. L. Bronson, who con-

tinued as head of the department until 1945 when he was succeeded by Dr. J. H. L. Johnstone. In 1957, Dr. W. J. Archibald succeeded Dr. Johnstone as Head of the Department.

From 1879 until 1919 the teaching staff consisted of one professor and one part time demonstrator. At the present time, it consists of four professors and three associate professors. Two post-doctorate fellows are expected to arrive within the next few months. There is also provision for the appointment of a "visiting" professor.

An analysis of the positions held by the 73 students who have obtained the Master's degree in Physics during the period 1910 to 1957 reveals that:—

1. Forty-nine of them are at present employed in Canada.
2. Forty-one hold the degree of Doctor of Philosophy.
3. Twenty-six percent hold positions in the Maritime Provinces, nearly all of these being in Nova Scotia.

4. Twenty are professors of Physics (assistant, associates or full) in Canadian and American Universities and one is in a British University; of these, five are heads of departments.

5. One is chief superintendent of a Defence Research Establishment in Canada, and two are directors of Divisions of Atomic Energy of Canada Limited.

6. One has been a Fellow of the Royal Society of Canada.

7. Eight have won 1851 Exhibition Scholarships; forty-seven have been holders of National Research Council scholarships; and thirty-five have been holders of MacGregor Fellowships.

8. Members of the department are frequently invited to serve on the boards of the National Research Council, Defence Research Board, Fisheries Research Council and the Nova Scotia Research Foundation as well as on various advisory committee of the organizations.

Department of Geology

DR. C. G. I. FRIEDLANDER

The Geology Department began in the Forrest Building, like many other of the science departments. At that time Dalhousie gave a degree course in Mining Engineering, and training in Geology was, of course, an essential part. The department was moved to Studley in 1915.

At Studley, it first occupied a small space on the third floor of the Science Building, in what is now a part of the Physics laboratories. D. S. MacIntosh, who was then Professor of Geology, occupied the small office adjacent to the stair-well on that floor. The fact that his museum and laboratory space totalled an area only a little greater than that of his office, will indicate the difficulties under which he laboured. Yet he helped to train a generation of engineers who went out to meet the problems of professional life, and who apparently were possessed of some skill.

Professor G. V. Douglas succeeded Professor MacIntosh in 1931 and continued in that position until 1957. The department moved, during the "thirties", to the fourth floor of the Science Building. This provided considerably increased display and laboratory space. No doubt it also provided practice for the embryo mine geologists, as they ducked in and out among the pipes, ventilating ducts and fans in what is now the storeroom of the Chemistry Department.

During this 25 year period, the department offered a course leading to a Master's degree in Geology, and usually had from two to five graduate students each year.

In 1945, the move to the present building provided much roomier quarters. Such space was certainly needed, for the influx of student veterans doubled the size of most classes. Unfortunately, the museum collections were completely disorganized in the move. The work of re-organizing the material has proceeded slowly and good teaching displays have not been available.

During the last few years of his tenure, Professor Douglas had the part-time assistance of Dr. N. R. Goodman, a graduate of the department and a Rhodes Scholar. With such assistance it was possible to enlarge the work of the department in Mineralogy and Petrology, in which Dr. Goodman specialized. Mr. G. C. Mulligan, another former student of Professor Douglas, joined the department in 1957 as a full-time associate professor. In the same year, Dr. C. G. I. Friedlaender succeeded Professor Douglas as Head of the Department.

Observe — Think — Teach

A university has been described as a community of thinkers with the purpose of fostering the inquiring mind, providing guidance on the well-trod paths and encouragement to those who look for the undiscovered.

In this second half of the 20th century, a time when the world is in process of change so swift as to dazzle the imagination, the community of thinkers must observe, analyze, and teach. It must, through the wisdom and clarity of trained minds, prepare and encourage the young men and women who now, more than ever before in history, must be made to realize that the only preparation for knowledge is the inquiring, receptive mind.

But the material requirements of teaching cannot be forgotten. The progress of the physical sciences, the mushrooming technology and its attendant plant, require the most modern equipment, and the space for physical means of instruction

perhaps not invented or even dreamed of. Who can say what the future holds for theoretical research or even the application of accepted theories still untried.

In this twentieth century, man's mind ranges from the dark reaches of its own subconscious, literally to the stars. We are in the space age, yet our knowledge of the physical properties of this earth is minute in comparison with our perception of our own ignorance.

This community of thinkers requires the physical plant to test its theories, to pass on its knowledge, to train its young and inquiring minds. Without material expression and the furtherance of knowledge by teaching, thought is wasted.

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Bengals Split With Shearwater, Win Opener But Lose At Studley

by JOEL JACOBSON and MIKE NOBLE

The powerful running of Don Nicholson and the hard-charging defensive unit, which tore Shearwater's offense to shreds, gave Dalhousie Tigers a well-earned 23-14 victory of the favoured Shearwater Flyers, in Dartmouth Wednesday night. In 28 Carries Nicholson amassed a grand total of 224 yards rushing and scored two touchdowns, while the defensive unit covered Shearwater's pass receivers like a blanket. The offensive line also stood out, opening holes time and again for the Tiger runners. Stu McInnes quarterbacked the Tigers and kept the offensive unit on the march through the entire game. Regular quarterback Ted Wickwire, restricted to defensive duty because of an injury, played a stand-out game.

Dalhousie opened the scoring in the first quarter when Don Nicholson knifed over from the two yard line. The convert attempt went awry. A 50 yard single by Hallas of the Flyers made the score 6-1 at the end of the opening period.

The Flyers came out fighting mad in the third stanza and quickly

crashed over for two touchdowns. Bruce Walker, carrying the brunt of the Flyer's ground attack, scored both on plunges of 3 and 5 yards. Eldon Johnstone converted the second to give Flyers a 14-6 advantage.

However, the Tiger drive for victory was not to be denied. With Nicholson doing most of the carrying, Dal moved to the Flyer 26. Fram here, McInnes unleashed a 26 yard pass to Weatherston in the end zone and, after the convert, the score stood 14-13 for the Flyers. The Bengals struck again mid-way through the fourth period. A 30 yard pass to glue fingered Weatherston put the ball on the Flyer 10. On the next play Nicholson dragged three Shearwater tacklers into pay-dirt territory and the convert put Dal in front 20-14. With less than two minutes remaining in the game, Sedgewick booted a 12 yard field goal to put the game on ice.

FLYERS COMEBACK

Flyers quarterback, Don Lilley, pulled out every strategy he knew in order to cope with the fighting Bengals as the Shearwater aggregation, fighting to save face after

last year's Dominion title, rallied behind Bruce Walker to down the Tigers 22-13 at Studley.

In only 25 plays from scrimmage, during which they only lost the ball once, the Shearwater crew hit pay-dirt with Salmond carrying. The convert was good and Tigers trailed 7-0.

With only one minute remaining in the half Nicholson steamed around the left end for 12 yards and a touchdown. Sedgewick connected on the convert and the Bengals trailed by only a converted touchdown.

In the third stanza, Dalhousie roared up the field. A series of plays culminated in Nicholson crashing through the line from the side to put Dal within one point of the Shearwater squad as Sedgewick missed the convert attempt.

Flyers continued to batter away until the Bengals' forward wall came tumbling down. This time it was MacLeod who scored with Johnston connecting on the convert making the final score read 22-13 for the Flyers and second place in the league standings.

Dal Wins Second Straight Title

Dalhousie's soccer Tigers Friday captured the Nova Scotia Intercollegiate Soccer League crown for the second consecutive year. The Bengals tripped Acadia University 2-0 on the Dal grid iron to clinch the Nova Scotia championship. This was the second time in one week that the Dal eleven had defeated the Axemen, the first victory coming on Monday when Dal journeyed to Wolfville where they whipped the home town crew 3-1.

Lionel Mitchell led the Dal attack at Acadia scoring all three goals.

In the clincher the Tigers opened the scoring when Roger Leach, at the 14 minute mark of the first half, lofted a high free kick from the centre area down to Cyril White. White let go with a screaming drive at the Acadia goaltender Hugh Branford, but Branford was equal to the occasion and pulled off a brilliant save. All this was to no avail, however, as Alroy Chow, who was parked in front of the Acadia goalmouth, picked up the rebound and kicked it into the open corner.

In the latter part of the first half the Acadia squad were beating Dal to the ball but Tiger goaltender Mel Young and a superb defensive manoeuvre by Dick Kempe kept the Axemen at bay and when the whistle sounded for the end of the first half Dal still maintained their slim lead.

The second half the Tigers, battling with the wind, kept on the offensive and applied the pressure to the visitors.

Cyril White finally put the game, and the championship, on ice when, at the 17 minute mark of the second half, he lifted a corner kick from the right hand side of the Acadia goal which curved with the wind into the net past a very startled Acadia goaltender.

Acadia tried valiantly to mount an offensive but either Roger Leach,

Lou Anthony or Charlie Brogan always managed to make an appearance and break up the Acadia attack.

On Saturday following the football game the Bengals finished their regular schedule on a happy note when they trimmed St. Francis Xavier University 4-0.

This Saturday Dal will journey to Fredericton where they will fight for the Maritime Intercollegiate championship against the University of New Brunswick who defeated last year's Maritime champs, Mount Allison University.

The following are the final standings in the Nova Scotia Intercollegiate Soccer League:

	W	L	T	Pts
Dalhousie	4	0	0	8
Acadia	1	2	1	3
Xavier	0	3	1	1

Dal Fourth In Track

Paced by sophomore Mike Noble, Dalhousie's five-man track team accumulated 24 points to place fourth in the Maritime Intercollegiate Track Meet at Acadia on Tuesday. Noble copped both the 440 and 880 yard runs, ran the third leg of the 880 yard relay and the anchor leg of the mile relay, proving that only through hard training does an athlete gain success.

The victorious half mile relay team, which contributed ten points to the Dalhousie total, was composed of Rick Quigley, Leroy Heffernan, Warren Nickerson and Noble. Anchorman Quigley just nipped Mount Allison's anchor to win this race. Quigley also placed third in the 100 and 220 yard dashes. His performance was good for ten points. Danny Jacobson, the other member of the team, did not place in the mile, despite a fine race. The mile saw a record breaking performance by Vic McLeod of Mt. A. He ran the mile in 4.35 to break the old mark of 4.39.

The meet wasn't decided until the final event of the day, when Mount Allison won the mile relay to nose out UNB and Acadia, the defending champion.

Coach Lt. Peter Watson, R. C. N., was particularly pleased with the performance an enthusiasm shown by this year's team. However, he was disappointed in the lack of enthusiasm shown by the university as a whole. Dal did not have a single entrant in field events. It is hoped that next year's team will follow the lead taken by the industrious Mike Noble and turnout and train daily. With the solid framework laid by this year's crew, there is no reason why Dal cannot produce an Intercollegiate winner next year.



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NEWS BRIEFS

The Dental students have accepted to meet the challenge of the Medical students in a debate on Thursday, Oct. 31 at 1 p.m. in the Forrest Building.

All students, especially all Science, Medical, Dental, and Nursing students are invited to attend. The lecture room is on the second floor.

An Inter-faculty debate will be sponsored by Dalhousie Kings Can-

tebury in the Haliburton Room on Sunday, Nov. 2.
The motion—"The Churches have failed Modern Society."

Lost—A gray, all wool man's overcoat from the Men's Common Room on the second floor of the Arts Bldg.

Will the finder please return to F. Francis or leave the coat in the GAZETTE office.

The first meeting of the Dalhousie Liberal Party was held

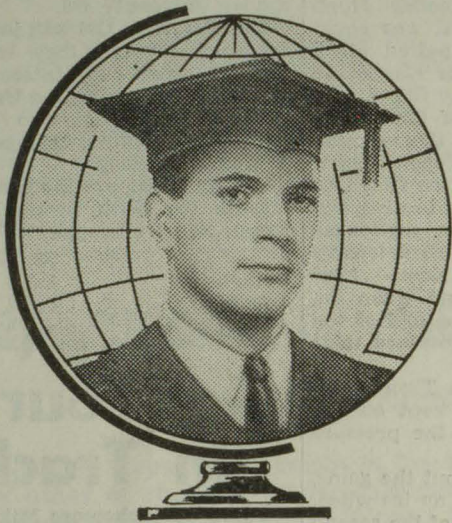
Thursday noon, October 23 in the West Common Room. The purpose of the meeting being to elect officers to fill vacant positions on the executive, the following were elected: President—Manny Pittson; Publicity Chairman — Bruce Webber; Dal-Kings Representative — Jackie Munro. Elected last spring were: Vice-President — Heidi Reibling, Secretary-Treasurer — Mary MacDonald.

It was announced that new students will soon receive a letter explaining the function of the Liberal organization on the Campus.

COMMERCE DANCE FRIDAY FOR SPRINGHILL RELIEF

The enterprising Dalhousie Commerce Company, backed by the Student Council, will again attempt to be the firstest with the mostest when it sponsors a special Hard Times Dance Friday. Proceeds will go to the Springhill Relief Fund. The party is set for the gymnasium, and it promises to be a good one. The celebrated Les Single, noted bandleader and entertainer, who has been absent from Halifax for three years, will provide the music for the Hallowe'en hop.

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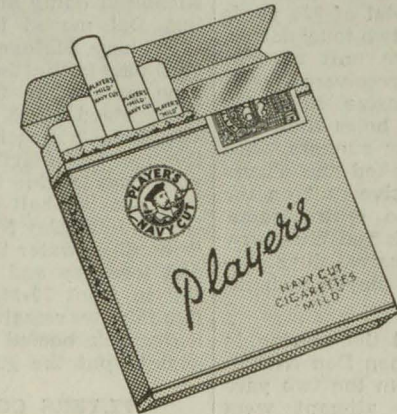
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