

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.

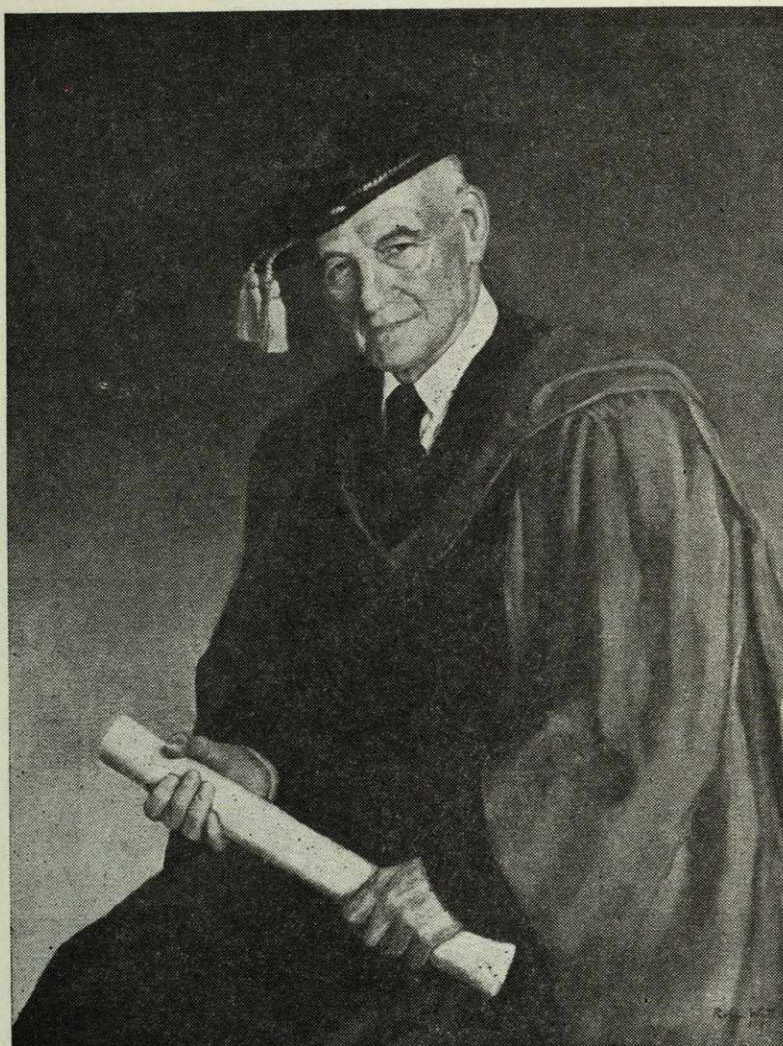
LADY DUNN will lay the Stone; and when this is done she will say: "I DECLARE THIS STONE TO BE WELL AND TRULY LAID."

THE PRESIDENT will offer the Prayer and Benediction.

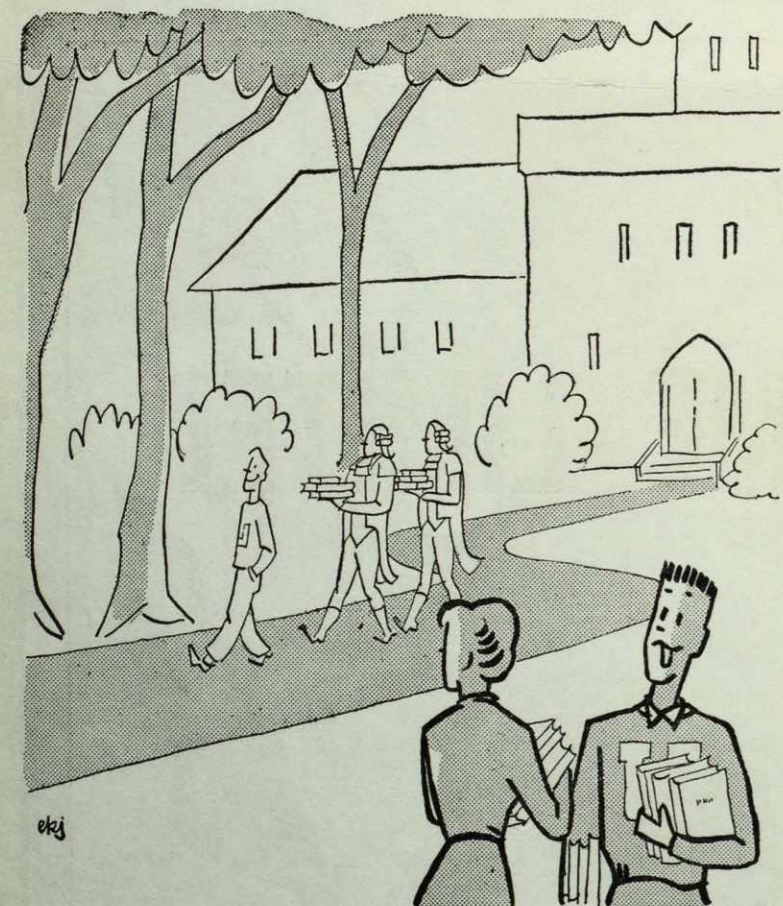
GOD SAVE THE QUEEN

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



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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.

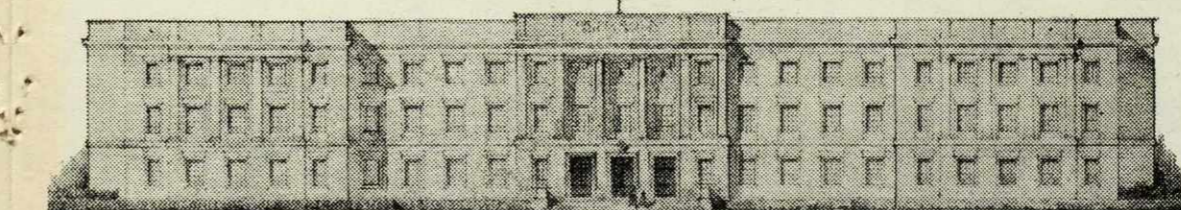
No great changes in courses or content are anticipated in the near future. The course is kept quite fluid and the University is in constant contact with the Nova Scotia Technical College and minor and some major changes are made frequently. Also the Deans or Heads of Engineering Departments of the colleges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



Lord Beaverbrook



"Trowel for Laying of Cornerstone"



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