

# Dineen Dean of Engineering; Post Effective January 1, 1958

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W'KEND

## BRUNSWICKAN

CANADA'S OLDEST COLLEGE PUBLICATION



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FREDERICTON, N.B., TUESDAY, OCTOBER 1, 1957

U.N.B.

# UNB RED BOMBERS SWAMP MONCTON IN SEASON OPENER



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## BEST WISHES

Dr. Milton F. Gregg, VC has retired from political life. This action terminates a long career devoted to the service of his country. Well known as the local member of parliament for many years, Dr. Gregg was Minister of Veterans Affairs and Minister of Labour under the late Liberal Administration.

Before entering Politics in 1947, Dr. Gregg was President of the University of New Brunswick. Taking the position after a long and brilliant military career, he skillfully guided the university through the initial hectic years during veteran enrolment. Those years brought a record attendance at the college which has only been surpassed this year, 12 years later. The smooth transition from a small enrolment to an overly swollen one and the initiation of many programs which have continued to this day can be attributed Dr. Gregg.

While Minister in the liberal Administration, Dr. Gregg kept the interests of New Brunswick and its provincial university foremost in his mind. Perhaps most

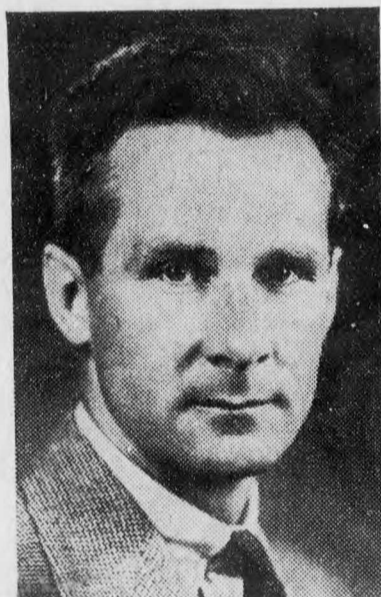


Dr. Milton F. Gregg, V.C.

outstanding in this regard was his insistence that New Brunswick be the site for Camp Gagetown, the largest Army base in Canada. Personally responsible for this, his action has brought renewed prosperity to the province.

We join the university in tribute to this man whose greatest interests were those of the people of New Brunswick. Now that he has retired, we wish him every future success. J.B.T.

## Start Working Now Prexy to Students



President Mackay

Each year I ask the members of the university to meet with me for a few minutes on this single occasion when we are all together at the beginning of a new term. It gives me the opportunity to bring you up-to-date on the state of the university, tell you something of our plans for the immediate future and warmly welcome you back to your campus.

On each of these occasions in the past four years I have spoken of our growing numbers and of the efforts that were being made to get additional roofs over an increasing number of heads. Now, it may be that many of you consider that I am obsessed with buildings (and with grounds) and that all else is to be considered of relatively little importance.

I admit that much time has been spent on building plans but I make no apology for it. In five years we have more than doubled our numbers of yet in all of that time we have not acquired one additional classroom or a new laboratory. This year we expect that our total registration will be in excess of 1400—more

than the peak of the veteran period which numbered 1356. We have approximately 450 new students. The breakdown for each faculty is roughly as follows—Engineering 40% (45); Arts (including Business Admin. and Phy. Ed. 29% (22); Forestry 14% (12); Science 13% (20); Graduate students and law 4% (1).

These total enrolment figures are very close to our estimates of last spring. However, they are considerably higher than the calculations of three years ago and indicate that we may have a student body from 2400 - 2600 by 1965.

It is these rising enrolment figures that have brought about our present obsession with construction. However this year finds us in a far better position than 12 months ago for we have the new Chemistry building and the virtually new Engineering building. When I say that we have them I should make it clear that we are in the process of prying them loose from the clutches of the contractors. We intend to begin using these buildings on Monday next but know that for the first few weeks we must carry on our activity in the company of electricians and painters.

And even with these new buildings it remains impossible for us to remove all of the leaky roofs. Lectures continue to be in

## ROARING RESIDENCE REVIEW BYRNE EXPOSES TALENT FOR RED'N BLACK

the chemistry building and the old physical chemistry hut must still serve as a place for offices and lecture rooms. The biology hut is to be demolished when that laboratory is transferred to Memorial Hall. The Arts Centre is to move to the new hut behind the Memorial Student Centre.

It has been said that the only real purpose of the academic administrator is to provide the optimum situation for learning and teaching and personal growth. This is all they are for. This is why you have administration." I would agree with the statement and cite this opinion as the reason for our devoting so much time to the problem of promoting suitable conditions in which the faculty may teach and in which the student body may gather and learn. Ours continues to be the dual task of replacing worn-out and supposedly temporary buildings and at the same time planning for structures that will house an enlarged population.

With more buildings must come more members of the faculty. Roofs over our heads are of little use if we do not have a worthy faculty of sufficient size to meet our needs. Again this year we have added a number of new members as we seek to at least hold our own in the ratio of the number of students to professors.

In the Department of Mathematics we have three new faculty members — Dr. W. P. Eames, Mr. L. D. Bowden and Mr. Harry Fairbairn. Dr. I. K. Johnstone and Mr. Trevor Lennam have joined the department of English while in Philosophy we have Mr. John L. Bower; in Classics Dr. L. C. Smith; in Business Admin. Mr. William Reddin; and in Romance Languages Dr. Charles D. Harrison. The department of Economics will have two new lecturers. They are Dr. Maurice J. Boote and Mr. Arthur C. Parks who are Research Fellows of the Atlantic Provinces Economic Council.

In the Faculty of Science Dr. E. W. Hagmeier has joined the department of Biology. In Forestry Mr. Douglas Long is on a year's leave of absence and his place has been taken by Mr. R. J. Day. A new member of the faculty is Mr. A. L. Van Slyke. The Department of Mech. Eng. has added Mr. V. M. Ireton to its staff.

There is a major change in the Department of Education. Physical Education has been added to this department and Mr. John Meagher has joined the faculty to head up the new program. A second major change has been the retirement of Dr. E. O. Turner as Dean of Engineering and the appointment of Professor James O. Dineen as his

The varied and entertaining talents of the residence boys and one lone coed made up a rollicking show on Sunday night in the Mem. Hall. It was difficult to believe that the fast-moving and polished production was practically spontaneous. The smooth transition from rock 'n roll to the charleston to impersonations to the Collegian's own history of this century's dance music kept the audience amused and delighted.

Bill Byrne is a competent and affable Master of Ceremonies. He not only provided continuity but even enters into some of the acts. He accompanied Des Auger in a few really active Rock 'N Roll numbers and soloed in a local version of "Have you Heard?" Auger, from Quebec Province, is already a singer of repute in the recording field and composes songs of his own. The decorative female of the show was Jan Hunter who danced nimbly in a Twenties number and came on again to do an Apache dance straight from a Parisian cave.

The contribution of Paul Stewart and his boys was of immeasurable importance. Both in Background and Foreground the band displayed the advances they have made recently in their tuneful quest.

George Andrin and his voice are as pleasurable as ever. So is the piano playing of Steve Patterson, a comedian with assurance. Two Georges, Eddi eand Bryson did an admirable job with their piano impressions. Another pair who added much to the sum were Ian Barr and Roy McEwan who did the impersonations of Al Jolson and Victor Borge.

successor. Professor Dineen will assume his new duties at the end of the present term.

Those of you who have been here for several years know that we have been working to improve the appearance of our grounds. We have completed the MacLaren Gates and more of our hay fields have been turned into lawns. The buildings of Buchanan field is finished. Ours is a magnificent site for a university and during the summer months the maintenance crew and the janitors have made a concentrated effort to tidy things up and to make both grounds and buildings a more attractive area in which to live and work.

Continued on page 4, column 2

## DANCE

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## AWARDS OVER \$30,000; SCHOLARSHIPS ANNOUNCED

Entrance scholarships to the University of New Brunswick, with a total value of more than \$30,000, have been awarded to 19 students of the 1957-1958 session, it was announced here recently by UNB President Dr. Colin B. Mackay. This is the first list of awards to be made public by the university's scholarship committee. Additional awards will be announced in the near future.

The announcement by Dr. Mackay lists some of the most prized scholarships offered by the provincial university. They range in value from \$225 to \$4,500 per individual scholarship and they are tenable for from one year to five years.

All candidates were given careful consideration by the university's scholarship committee, Dr. Mackay said, and the majority of awards were made on the basis of academic distinction and financial need.

"While the number of applications for assistance always exceeds the number of scholarships available, every effort is made to arrange for the fairest distribution of the funds on hand," he explained. "It is our hope that, as the years go by, more money will become available to assist every deserving student."

Following is a partial list of the scholarships, values, tenure and the recipients:

- Engineering Special Scholarships, \$1,000 for the first year; \$950, second year; \$900, third year; \$850, fourth year; and \$800, fifth year. Paul L. Lister, McAdam.
- General Motors Canadian College Scholarship, up to \$2,000, tenable for four years: Maryanne E. Moffatt, St. Stephen.
- International Nickel Company Scholarship, tuition and fees plus \$300 per annum, tenable for four years: Edward John Ryan, Saint John.
- Union Carbide Canada Limited Scholarship, \$500 per annum for four or five years: Woodville Thomas Noonan, Pictou, N.S.
- Shawinigan Scholarship in Chemistry, \$400 for first year plus tuition and fees for four years: Paul Gordon Williams, St. Stephen.

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### SOPHOMORES

Deadline for the Dr. C. C. Jones Memorial scholarship is October 18th, 1957.

This scholarship was established by the Associated Alumni in 1950 to honour Dr. Jones, who was president of the University from 1906 until 1940. It is worth \$250.

Sophomores, male or female, who made a first division mark on freshman mathematics are eligible to apply but students who already hold a major scholarship are not eligible.

Application forms may be obtained at the Alumni office in the Student Centre.

IAIN BARR

## COMING TO THE POINT

### Now The Innocent Bystander

This is not "Slabs 'N Edgings". Any resemblance is quite probable. Last year "Slabs" became—for better or worse—a generalized column with a few Forestry affiliations. This year we are cutting ourselves off from all ties and writing as the "innocent bystander". Any opinions expressed will be purely personal and will not necessarily coincide with those of *The Brunswickan*, the SRC or anyone else. Having got that off our chest, we will proceed.

This being the first column of the 1957-58 season, it is not too surprising that we have found nothing to beef about. On the contrary, we have found a couple of items that might be singled out for favourable comment—along with some interested queries.

The sight of the new residences sprouting up behind the Student Centre is one to gladden the eye. Do you suppose they will keep pace with the ever-rising number of would-be inhabitants? The fancy new gates at the University Ave. entrance lend a certain dignity to the campus. Since we could see only one ring on each side, we wonder if they are to be functional or purely ornamental. What else? Well, the new Chemistry Building will at least relieve the congestion in Mem Hall—and will probably relieve the Physicists upon whom the ceilings leaked with such profusion—even if its looks are debatable.

Off campus the most laudable change has been the news that signal lights will soon be in operation on the notorious Regent Street Crossing. We guess that the new statue of the Beaver, smiling benignly down on the Paradise Restaurant, is to be commended. We cannot help wondering if students, strolling down for an evening of coffee-drinking and fat-chewing, will not have the uncomfortable feeling that their Chancellor is keeping tabs on them and hurry back to their books. On second thoughts, maybe that isn't too likely after all!

Well, that's about it for this week. We'll have to wait until things return to their normal state of well-ordered chaos to find something to pick on.

## Summer Employment Most Valuable Says Chemical Company

Industry is finding university undergraduates a valuable source of summer-time help as well as of eventual full-time employees and is placing increasing emphasis on their reception, orientation and job assignment.

Most of those employed this summer from among the 30,000 to 40,000 Canadian undergraduates are already at work. Greatest demand this year was for engineering and general science students but there were also many employment opportunities for arts and commerce students.

For example, one large Canadian chemical firm, Du Pont of Canada, employed about 100 undergraduates, about 70 of them engineering students, about 15 in arts or general science and the remainder in commerce. These summer employees also included three university engineering faculty members—two from Mc Gill and one from Toronto—and a high school science teacher.

The job assignments were selected on the basis of whether a specific project could be completed during the summer, the suitability of the employee to the project and its usefulness to him in his course of study.

(Continued on page 4)



**SHAPELY** Drum Majorettes newest addition to U.N.B.'s Cheerleaders, performing at last Saturday's Moncton vs. U.N.B. game. Miss Cathy Davis, a Freshette from Montreal West High.

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SP438

# TURNER TO RETIRE DINEEN NEW DEAN

## Bombers To Good Start Brian Arthur Star In Lop-sided 30-0 Victory

Prof. James Owen Dineen, a native of Hampton, N.B., and head of the University of New Brunswick's department of Electrical Engineering since 1951, has been named Dean of Engineering at the provincial university, it was announced here recently by the president, Dr. Colin Mackay.

Prof. Dineen's appointment will become effective January 1, 1958. He succeeds Dr. Earle O. Turner, who disclosed his plans for retirement last spring, following 38 years of service on the faculty of the university.

In his announcement, Dr. Mackay paid tribute to "the distinguished contribution" made to the university by Dr. Turner. "Under his leadership," Dr. Mackay said, "the university's department of engineering has expanded and grown. Dr. Turner has taken an active part in the development of UNB and we are the better for it." Dr. Turner will continue with his duties until December 31, 1957.

Prof. Dineen received his early education at Hampton Consolidated School and came to the University of New Brunswick as a Beaverbrook Scholar in 1936. He received his B.Sc. in Electrical Engineering in 1940. From 1940 to 1941, he did graduate work at the University of Toronto and he was later radio instructor at Westdale Technical School, Hamilton, Ont.

In October, 1942, Prof. Dineen was appointed to the faculty of the provincial university as an assistant professor. After gaining his M.Sc. here in 1945, he was appointed an associate professor in the electrical engineering department and he was named head of that department in 1951.

Prof. Dineen was awarded the Rhodes Scholarship for New Brunswick in 1940, and he at-



PROF. DINEEN

tended the University of Toronto under a Reuben Wells Leonard Fellowship.

In 1945, Prof. Dineen spent six weeks in England, assisting in the formation of curriculum and organization for Canada's Khaki College. Later, in 1950, he returned to England for a short period, when he toured various universities, industries, and research establishments in preparation for the organization of Athlone Fellowships.

He has just returned from a conference of electrical engineering department heads on curriculum planning at the Massachusetts Institute of Technology, Cambridge, Mass.

Following the war, Prof. Dineen was commanding officer of Royal Canadian Sea Cadet Corps Beaverbrook, from 1946-48. He is also a member of the Royal Canadian Air Force active reserve and is administrative officer of the air force squadron on the campus.

Prof. Dineen is the son of the late James R. and Mrs. Dineen, of Hampton. He is married to the former Catherine Archambeau of Calgary, Alta. They have four children.

### Summer Employment

(Continued from page 3)

A third-year honors chemistry student from McGill, for example, is at the company's Maitland, Ont., nylon chemicals plant. He is studying new ways of determining the amount of impurities in process chemicals, which normally must meet high purity standards.

A business administration student from University of Western Ontario, London, is in the accounting department in Montreal as a "programmer", helping feed procedural instructions to the company's new electronic computer.

Help was given the new employee in finding living accommodations and everything was done to fit him into activities, on and off the job. He takes an active part in all meetings of his working group such as those for safety, training, and development. He is included in outside activities such as picnics, ball leagues and other social events. A dinner held in September gives him the opportunity of meeting informally with senior company people.

In Maitland's technical department, each summer employee is assigned to a regular engineer or chemist for day-to-day guidance, with the understanding that the guide is largely responsible for the success of the undergraduate in his work. The method has proved of great help to the summer employee.

Interviews with the employee are held before the end of the summer to discuss his performance, hear his reactions and answer any questions he might have. Out of these interviews and further correspondence may ultimately come offers of future summer or full-time employment.

### Start Working Now — continued

We would appreciate your interest and concern in keeping things in good order. I feel that it is of particular importance for us to treat the Student Centre with consideration and respect, remembering that it is a Memorial Building and that substantial contributions from the student body helped to make it a reality.

More students and more faculty means more cars and we are faced with the 20th century headache of finding sufficient space for parking. The area behind the Chemistry building is set aside for students, while those behind and beside certain of the other buildings are for the use of the members of faculty and for staff. It is necessary for us to keep the roadways clear and cars must be left in their designated areas.

The personal growth of the student must be a matter of major concern to any university administrator. At this university we have been able to develop good athletic facilities while the Student Centre has provided a focal point for student activity. It is in the matter of residence accommodation that we have fallen behind with each passing year. Now, we are taking steps to bring about an improvement in that situation. Last July we began our new resi-

dence for men. At the same time we set up an accommodation office to assist students in securing rooms in the city. We intend to keep this office in operation (you will find it in the basement floor of the Arts building) as long as a need for it is evident.

The new residence will accommodate 100 men. Its completion date is September 1, 1958. The Board of Governors are of the opinion that we should make a determined effort to provide residence accommodation for a much larger percentage of the total student body and that one building is not good enough as a beginning for a residence building program. It is for this reason that they have approved the construction of a second unit. Work began 10 days ago with occupancy slated for the same date as the first unit.

No funds have been set aside for this second building and not one penny is presently available or its construction. However, we remain confident that we will find support for such a project, and we expect to undertake a comprehensive scheme for additional residence units to be built over the next several years. Eventually we intend to undertake a new residence dining hall but for the present the Memorial Student Centre dining facilities must serve the new residences. In order that it may handle the increased number of students it must be enlarged. Tenders have been called for an addition to this building — to provide for more dining and kitchen facilities and an enlarged lounge area. The first phase of the work will be undertaken next month so that it may be ready by next Sept.

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THE GREAT UNKNOWN

breaks through the Moncton lines. Does he make the T.D.? One of those exciting moments during last Saturday's game against Moncton.

FREDERICTON:—The UNB Red Bombers opened their season by swamping Moncton Hubs 30-0 here on Saturday, September 28. The Red Bombers held the edge in play from the very beginning. Their strong running crew chalked up 246 yards on the ground while the Moncton crew could only collect 150 yards. The Hubs held a very deciding edge in aerial attack as they passed for no less than 138 yards while UNB failed to nab a yard in this department. This was the only department Moncton could boast about. UNB scored a field goal in the first and added two touchdowns and a convert in the second quarter. There was no more scoring until the fourth quarter when UNB pushed two more over and converted once.

UNB collected 22 first downs while Moncton was only able to pick up 16. Fumbles did not play an important part in the game although UNB miscued 8 times and Moncton 4. Moncton players were able to recover twice on UNB but the Bombers held off their attack.

Brian Arthur was the star of the day as he scored 3 TD's and played a steady defensive game. Arthur picked off one of Moncton's passes and ran 35 yards to score. This was also the longest run of the day. William Perry and David Irvine also carried the ball and were main threats throughout the game. Quarterback Peter Madorn scored the fourth T.D. on a quarterback sneak. Mike O'Connor was responsible for 6 points which he made with 2 converts, a field goal and a rouge.

For Moncton quarterback B. Pierce held the team together. He threw no less than 24 passes and completed 10.

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