



# ENGINEERING BRUNSWICKIAN



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## ENGINEER MADE ACTING PRESIDENT

### PRESIDENT'S MESSAGE



JOHN HOLMES

Pres. Engineering Society. This year, as every year, the publishing of the best Brunswickian of the year indicates the beginning of Engineering Week—the week the Engineers come into their rightful own on the Campus. Credit for this year's fine effort goes to Editor-in-Chief A. McIntyre and his capable staff.

Tuesday night brings forth the big Engineer's party being held this year at Alexander featuring films, frolics, and food. Choosing the week in true Engineering tradition comes the Wassail—Odd Fellows Hall—9:30. Want to see everyone there, Boys.

This year the society has a record enrollment with plenty of enthusiasm being shown at the regular meetings which featured technical films and addresses by graduate engineers. This fall we had the pleasure of having as our guests Col. L. M. Grant, President of the E. I. C. and his party, who were entertained by the Engineering faculty at a luncheon held at D. Coy. Inn following which Col. Grant addressed the student engineers at Memorial Hall.

Thanks goes to Marshall Howard and committee for the very enjoyable fall party which highlighted last year's activities.

The Engineering Store has had a very successful year under our competent manager, Johnny Bosby.

This year for the third time our society will be represented at the annual E. I. C. conference being held in Banff. These meetings have been very successful in establishing closer contact between the students and graduate engineers thus enabling the students to know the practical work graduate engineers are doing. In closing I want to say a sincere thank you to my executive L. Moffat, A. McIntyre and J. Bosby for the very fine work they have done this year, and to all the boys for their enthusiastic support and interest in the society and its activities. It has been a privilege to be your president.

### OH DON, A CHESTNUT

I hope that I shall never be A Chestnut stripped at U.N.B. A lovely tree who upright stood Among its cousins of softer wood A Chestnut benefactor of one fine Cigarette and scarred by a plaid-jacket midge! Seven folders for all to see Subjected to ravages of Forestry! J.S.B.—C.E.—48.

Any similarity between above verse and any Campus fracas is entirely intentional.

### VETERANS' BALL

To all those who have been looking forward to the Vets Club Annual Ball, we are indeed sorry to have to announce that the popular social event will not come off this spring. Plans were completed to hold this year's Ball on March 13th in the Fredericton Amouries. The proceeds were to be given to charity (i.e. Canadian Appeal for Children). However with the sudden reversal of policy by the Senate, the Gymnasium, and announced date of Formal Con Ball one week ahead of the Vets Charity Ball, we deem it advisable to cancel the latter.

KEN RIDEOUT, Chairman of the

## WASSAIL

Well kiddies, the time has come for another quiet little gettogether. Yes indeed, once more we must bow our heads in a moment of silent prayer dedicated to Slip Sticks.

After all, Slip Sticks is quite a lad. Can't he multiply faster than rabbits? Can't he solve the eternal triangle in three quick movements? And sometimes he comes whole-sale yet.

So hear ye men of the Slip Stick faith, all devotees of the eternal Rule are bidden from hither and you to congratulate this 25th day of September 1948 (6:30 P. M.) at the L. O. O. P. Hall to pay due reverence to his Ecclesiastical Highness, Slip Sticks (better known as "Slip").

Juhany Holmes, the fast talking disc jockey of the Phystos (ugh) lab, will lead us to our very maxima and minima (not to mention our integral) in literally dozens of dirty little ditties culled from the oily depths of the Engineering Building.

Needless to say, there will be a dinner, (a brown crisp dinner). Also light refreshments (brown crisp refreshments) and after dinner speakers (brown crisp speakers). And there will be bottles of devilish mirth and merriment (brown crisp glasses) in grubby little paws.

In conclusion my children, ray I plead, "Let us not hear the tinkle of silver among the rustle of dollar bills." (brown crisp dollar bills, that is).

P. S.—All words of over four syllables were supplied generously by the Arts department. (The brown crisp Arts Dept. match).

## RED 'N BLACK REVUE

Next Thursday is opening night! Yes, next Thursday at Teachers' College a rousing and original overture by Herby and his Bowery Boys will herald the opening curtain on the "Red 'n Black Revue," the biggest and most unusual stage show ever produced in these parts.

In the past many students with showman's blood in their veins have dreamed of a big extravagant stage show for UNB, similar to very successful productions by other Canadian Universities. It took George Robinson to start the ball rolling at a Senior Class meeting and the class of '43 pledged themselves to a supreme effort to produce a show so successful that its presentation would become an annual event. It is the earnest hope of the Seniors that the "Red 'n Black Revue" is just such a show. Those who have been working on it, many of whom began in early January, are sure that it is.

FLASH—E. L. O. P. News, Feb. 26, 1948—Engineers will soon have a representative of their own on the Advisory Service Council. N. E. MacLean, Sophomore Civil student and also a widely known critic will be available for advice on domestic, matrimonial difficulties etc. confronting students.

### EDITOR'S NOTE: It is hoped that in the near future Mr. MacLean will find time to contribute his long awaited column and reopen his office in the Legion.

Here is an important notice: You can still get tickets for the "Red 'n Black Revue." They will go on sale again Up the Hill and at Alexander starting Monday, March 1st. If you want to be positive of some seats, contact any Senior in the meantime. If he hasn't any he'll get them for you.

Social Committee, J. CLARK, President.

### NFCUS Bulletin

National President of NFCUS Visits UNB This Week-end—To Address S. R. C.

Bob Harwood, the newly elected NFCUS President from the University of B. C. is coming to UNB Saturday for a week-end stay as part of his tour of all Canadian Universities. As a result of Bob's coming the regular weekly SRC meeting has been postponed until Sunday afternoon at 2:30 p. m. so that he will be able to sit in on the meeting and speak to the Council on this year's NFCUS projects.

The Council meeting will be in the Forestry Building. The Presidents of all campus organizations are especially urged to attend and as many other students as possible. At the Winnipeg Conference during the Christmas holidays UNB was commissioned to conduct an investigation of Student Income and Expenditures in all Canadian Universities. The Dominion Bureau of Statistics has been contacted in this connection and its working in connection with the UNB NFCUS Committee on the project. Some time in March 10 per cent of all Canadian university students will be contacted and asked to fill out a questionnaire on their Income and Expenditures for the 1947-48 year. At UNB these questionnaires will come in the mail. If you should receive one answer it promptly and return to the indicated address. It is absolutely essential that every person receiving a questionnaire answers it and returns it if accurate statistics are to be obtained. Any person interested in NFCUS and its work please contact the local chairman, Ed. Baistdo, or George Robinson, SRC President.



Dr. A. F. Baird Acting President

### CONSTRUCTION ENGINEER

By Roger L. Waring  
Unpack the instrument, the tripod, too. Set legs upon a solid footing. The top on, drop the plumb, level the sight. Check with the bench, and read the angle right. Now! Over an inch, a quarter, back a hair!

Back just a whisker, half a whisker. There! Amid unkempt accompaniment of birth. Great piles of lumber, mortar, brick, and earth—His elevations, accurate, exact. His unseen lines, meticulous as fact. With rod and transit, suns and signs, this man Transmutes confused disorder into plan.

## THE ENGINEER

Who is the man who designs our pumps with judgment, skill and care  
Who is the man that builds 'em and keeps 'em in repair

Who has to shut them down because the seats disappear  
The bearing, wearing, gearing, tearing, mechanical engineers.  
Who buys his juice for 1/2¢ and wants to charge a 10¢.  
Who when we've signed contract can't deliver 1/2 the time  
Who thinks a loss of 20% is nothing queer  
The volt inducing load reducing electrical engineers.

Who is it takes traffic out to find a sewer to tap  
Who with care extreme locates the junk on the map  
Who is it goes to dig it up and finds it nowhere near  
The mud scattered north and tattered civil engineer.

Who thinks without his products we would all be in the lurch  
Who has a healthier kid that he designates research  
Who tints the creeks, perfumes the air and makes the landscape drear.  
The stink-evolving, gas dissolving chemical engineer.

Who is the man who'll draw a plan for anything you desire.  
From Trans-Atlantic liners to hair pins made of wire.  
With "ifs" and "ands" however and buts  
He makes his meaning clear.  
The work distaining fee retaining consulting Engineer.

Who builds a road for 50 that disappears in 2  
Then changes it identically so there's no one left to sue.  
Who covers all travelled roads with filthy oily smear  
The tramp providing, rough on riding, Highway Engineers

Who takes the pleasure out of life and makes existence hell  
Who'll fix a d. good looking one because she cannot spell.  
Who substituted a dictaphone for coral tinted sea  
The penny sharing, dollar wasting, efficiency engineer.

Who are the boys that shudder when a high brow neaves a sigh  
Who are the boys who I am there with fuming main and might  
Who are the lads who grease the earth and smooth the course of years.  
The sly sticking, art deriding, hard boiled engineer.

## RADIO CLUB

March of 1947 saw five or six radio enthusiasts, members of the Freshman Class, eagerly seeking working space where they could carry on with their hobby—"Radio." Dean Parr very willingly allotted the required space and thus the nucleus of the UNB Radio Club was formed.

During the summer holidays, these few original members sought ways in which they could enlarge the club's membership and still maintain interest throughout the year for an increased membership. Several methods of doing so were decided on and have been carried out through the year, and today the club boasts of having one of the largest memberships amongst campus societies up the Hill, besides being one of the most active.

Thanks to the kindness of Dean Parr and Dr. Baird, members have a fully equipped workshop, transmitting room and operating room at their disposal. Dr. Baird has been



GEORGE RUICKBIE

mainly responsible for the loan of valuable test equipment and a receiver to the club, without which it would be impossible to carry on with some of the projects of the club. Through the combined efforts of the members and SRC grants, club assets amount to over four hundred dollars worth of equipment and considering the SRC grants amounted to two hundred and sixty-nine dollars, the balance is a good indication of the spirit put forth by members of the club itself.

Almost every meeting has enjoyed an average attendance of 25 members, and technical films dealing with radio or electronics, have been shown at every meeting; on one fortunate occasion, Mr. Desautels, one of Marconi's leading engineers, delivered an address on "Frequency Modulation."

Code and Theory classes which will enable members to get their Amateur Operating certificates, have been held twice weekly since



THE BOYS

October, and although they have not been as well attended in recent weeks, it is hoped the old interest will be revived very soon.

A recent project of the club entails a survey of various radio and electronic firms with a view to obtaining summer employment for its members, to date, 35 out of a possible 52 firms have been written to and although, it is a bit early to predict anything, a very optimistic view is held by the Employment Committee.

## SOCIETY MEETING



DR. E. O. TURNER

## Historical Sketch Of Engineering Stores

by E. O. Turner, Dean of Engineering.

Next year the Engineering Society store will have a 30th anniversary. During those years the store has given signal service to the students in Applied Science, and I might add, service to the University as well. Due to the hard work and efficiency of the store Managers, who received little more than the business experience for their efforts, the credit of the store has reached a high level. Recently, for example, when the stock of Whatman's hot-pressed paper ran out, the Hughes-Owens Co., broadcast an appeal all over Canada, finally locating 250 sheets in Vancouver. These were flown East, and arrived in the nick of time. Service like that reflects the regard in which the store is held by the Companies who supply it. Representatives of these concerns have often praised the management, which is perhaps surprising as a new manager takes over each year.

Now that we have the largest registration in Applied Science in the history of the University, it might be well for our present students to know something of the history of the store. Immediately following World War I, prices of all student supplies went as high as the zodiac would stand. There was no government scrutiny of profits. The result was that the student draughting sets, slide rules, and other necessary student equipment, sold well above the list price of the manufacturer or wholesaler. Because of that, and because it was often necessary for students to lose an afternoon's work on the Hill, through lack of supplies that could be purchased only on Queen Street, steps were taken to provide materials on the Campus. In 1919 this writer approached the University authorities in this connection, but found them quite unwilling to undertake the expense or the risk involved in setting up a store on the Campus. However, not long after, Mr. F. M. Frederick, then a salesman for the Hughes-Owens Co. of Montreal, and later President of the same firm, suggested that the Engineering Society assume the responsibility for the sale of supplies to their members.

He agreed to advance the supplies, on consideration that some member of the Engineering Faculty would use his influence to see that the bills were paid or the goods returned. Fortunately, through the early years, the student Managers were thrift personified, and although the store operated on a shoestring, a backlog of credit was gradually built up.

Plans are under way to form a Dominion-wide network among the Universities; UNB shares with UBC the distinction of being the first two Universities to hold regular schedules for the exchange of news items for campus newspapers. Dallouise has become a recent member of the network. It is not expected to have the network functioning fully until next fall, since many of the Universities.

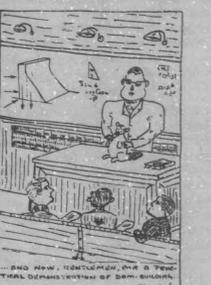
(Continued on Page Five).

### One of the highlights of Engineering Week was the regular meeting of the Engineering Society which was held in the Common Room of Alexander College on Tuesday evening. Advance notices promised an interesting and enjoyable evening and it turned out to be the best attended meeting of the year.

Seven films, on a variety of subjects were shown. Among the most interesting was a coloured film on the Pacific Salmon Run and experimental work carried out by the Washington State University's Hydraulic Division on the problem of tracing the journey of the Pacific salmon on their way to spawn up the turbulent Fraser River. Two very interesting talks were given by Ed Baistdo and George Ruickbie. The Stewartville Dam project and its concrete aggregate problems were the subject of Baistdo's address which he aptly augmented with slide illustrations. Calling upon his RCAF experiences as a Radar Officer Ruickbie chose Radar for his topic. Using light for a comparison, he explained in layman's terms the intricacies of this war-time invention which served us so well and is continuing to serve in ever increasing importance in peace time aviation.

Following the films and lectures, badge and dancing were enjoyed, and a delicious lunch was served by the wives and lady friends of the members. All those present agreed that this had been a most interesting and enjoyable evening and are looking forward to similar occasions in the future.

It should be pointed out that during those early years the University authorities warned the firms supplying the store, that the Engineering Society was on its own, and that the University would not assume any responsibility. Perhaps this was a good thing for the Society. It knew that it must stand or fall on its own efforts, and took pains to see that success was assured.



After a few years, credit was established with the large firms in New York supplying technical books, and for the first time books could be obtained on the Campus at the Publisher's intended list price. The Engineering Society turned this business over to the University Book Store when it was established a few years ago.

During these last years of general overcrowding, it is perhaps remarkable that students in Applied Science have been supplied at all, and the fact that work has been done on almost as usual, is in no small measure due to the efficient way in which the store has been managed. Regulations of the Society require that the Manager of the store be a Senior, who himself has been through the mill as a customer. He can therefore advise on the selection of slide rules, draughting sets etc. Not only do the younger students benefit in this way, but the profit margin has been kept at a minimum.