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ENGINEERING BRUNSWICKIAN

VOL. 71, No. 11

FREDERICTON, N.B., WEDNESDAY, JANUARY 30, 1952

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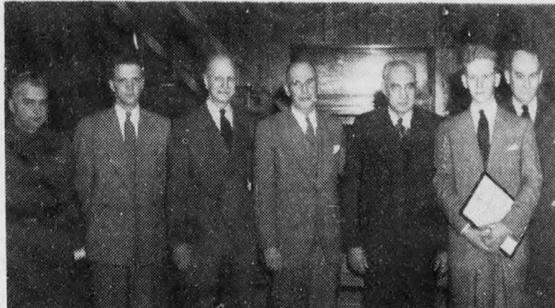
ENGINEERING WEEK HERE

U.N.B. DEFEATS DAL IN DEBATING

At 7:15 Friday evening the first of U.N.B.'s 1952 Intercollegiate Debates got under way on the second floor of the Arts Building. The topic—"Resolved: Capital punishment under the Canadian Criminal Code be abolished", was vigorously discussed with U.N.B. on the affirmative and Dal. on the negative. U.N.B.'s team consisted of Jackie Webster (first affirmative) and Ruth Nicholson (second affirmative). Dal. had Ron Stevenson, former S.R.C. president and well known figure at U.N.B. now at the Dal. Law School (first affirmative) and Turney Jones (second affirmative.) Present as judges were Col. George Beardsley, Mr. Charles J. Hughes, and Judge George M. Bryon. The subject was handled with lots of vigour and considerable wit. The audience, however, was small. This was unfortunate as those who were there enjoyed it intensely. It is indeed regrettable that more students were not there to back up the debaters who handled a difficult job well.

Miss Webster got the debate going by pointing out a number of disadvantages of capital punishment. The ethical point of view of capital punishment in a country as supposedly Christian as Canada was questioned. Alumnus Stevenson rallied to the issue and while admitting that he was not a student of theology but of law, discussed the religious aspect of the question briefly with an appropriate quotation from the Archbishop of Canterbury. Then it was pointed out that capital punishment was favoured by public opinion and so should stay in the law. The death penalty was defended because it deterred potential criminals from committing murder. The burglar does not carry a gun because he fears he will be hanged if he uses it and is caught. Miss Nicholson then took the floor and questioned Stevenson's legal approach. She attacked capital punishment from the sociological and psychological standpoint, considering murder as a social problem, perhaps the fault of Society not the individual. Rather than hanging the murderer the humanistic attempt to "rehabilitate" him to become a useful citizen was advocated. "Two wrongs don't make a right." Mr Jones spoke next, and in a forceful presentation attacked the idea of "rehabilitation." The speaker pointed out that sending a murderer to a penitentiary did not reform him, and if he were let out again he would be all the worse. It was claimed that the hardened criminal can't be reformed, and the audience was warned not to view the problem from a sentimental approach. The heinous nature of crime was shown and the death penalty was justified as a defense of Society against such outrages, since a hanged man can't commit another murder. Statistical and factual data were presented to back up some of the arguments. The rebuttal was perhaps the best part of the debate. The

Engineering Prize Winners



Shown above are l. to r.: Maj. M. A. La Salle, G. M. Whitcomb, Dr. L. Austin Wright, Dr. E. O. Turner, Dr. I. P. McNabb, Stig Harvor, Dr. J. B. Stirling at presentation ceremony.

New Student Centre Given Alumni Approval

The alumni and alumnae plans to erect a new student centre on the campus as a war memorial are a step nearer to realization. At a meeting of the Associated Alumni in Saint John last week it was unanimously resolved that the original war memorial plans be changed in favor of erecting a new building.

The committee which has been working on the memorial project was continued, and instructed to study the matter further and to make a submission to the Senate of the university, which meets on the campus on Feb. 19.

Originally the alumni and alumnae planned to convert Memorial Hall into a student centre. The Senate had approved this plan. A campaign for funds for this purpose in 1948-49-50 was successful in raising approximately \$170,000.

audience was shown that the value of statistical data and quotations from "authorities" was doubtful. (Figures from Chicago seemed to show the very opposite result as those from New York.) Miss Webster seems to have clinched the argument for U.N.B. when she contended that other forms of punishment could be more effective than capital punishment—life imprisonment more dreadful than hanging.

The judge brought up a split decision of 2 to 1 in favour of U.N.B. It is arranged to have Tom Drummie and Don McPhail to go to debate at Acadia University later this year. The Pine Hill Divinity School of Halifax is coming to Fredericton to debate U.N.B. Plans are also under consideration for an international debate with the University of Maine. With such a good start hopes are high that U.N.B. may come off with the Maritime Intercollegiate Debating Championship. Lets have lots of student support!

RED 'N BLACK UNDER WAY

With the Red 'N Black Revue only a few weeks away, excitement is rising. The acts have been rehearsing separately this year, and the arrangement has proved most satisfactory—saving time and patience. The time has come, however, to start putting the acts together, and a full rehearsal of all acts and skits has been called for Sunday afternoon, February 10, at 2 o'clock.

MOVIES

This rehearsal, unfortunately for onlookers, does not include the girls' chorus line, but it does include movies. Jack Murray, the Alumni Secretary, has graciously offered to show movies of last year's show to the members of the cast during the afternoon. It is understood that these pictures will also cover shows of previous years. Anyone interested in the Revue is invited to attend the afternoon's proceedings. This is an opportunity for Freshmen, and others who do not know what the "Red 'n Black" is to find out. Perhaps they will wish to try for a spot in the show.

In an interview with the Brunswickian, George Shaw, the President of the Senior Class and Producer of the show, disclosed that everything is "running smoothly" and that the show is shaping up into one of the best. He added that there is still room for skits (the theme of the show: A student's Vacation). It is needless to say that anyone with a really good act (talent, that is) can always push their way into the program.

Wilma Sansom Wins Scholarship

Drama President Wilma Sansom has been awarded the Thomas E. Hoben Scholarship by the Associated Alumni of the university. This was announced following the alumni meeting in Saint John last week.

Wilma is well-known on the campus as an actress and as the driving force behind the Drama Society this year. A senior student honoring in English, she maintains a first class academic standing.

She is a daughter of Mr. and Mrs. William A. Sansom, of Durham Bridge, N. B. and a graduate of Fredericton High School. Hoping to continue her interest in drama, Wilma plans to do post-grad study in that field when she leaves U.N.B.

The Hoben scholarship is worth \$50.

URP OFFERS DOUGH FOR RADIO SHOW

A prize of \$10 will be awarded to the student who submits the best half-hour radio script to University Radio Productions, in a competition announced Friday by URP Chairman Dave Gallo-way. A proviso was added that the script must reach a sufficiently good standard for radio production by the group. Mid-day, Saturday, Feb. 23, was set as the contest deadline. All entries, with name, address and phone number of the author, must reach Bob McGowan, Alumni Office, by that time. All entries become the property of URP, and may be broadcast by it. The winning entry will be aired.

Scripts may be on any topic, and in any form readily adaptable to broadcasting, it was said. A play, short story, or documentary were mentioned as suitable forms. Manuscripts should be typed, double-spaced, if possible, or else very clearly written. The URP committee, which makes the final decision, urged contestants not to pad or cut material to fit the half-hour time.

Calkin Awarded Scholarship

The Association of Professional Engineers of New Brunswick scholarship has been won by Jim Calkin, an intermediate mechanical engineer. The scholarship was presented by Dr. A. F. Baird, professor emeritus of Electrical Engineering at U.N.B., during the Association dinner in Saint John last Thursday.

Jim is from Woodstock. Last year, he was co-winner of the engineering paper contest up the hill.

The scholarship is valued at \$200, and is given annually to an intermediate engineering student at U.N.B.

Starts Rolling With Wassail

The walls and ceiling of Castle Hall shook and vibrated last Saturday night as dozens of lusty voices raised in song at one of the best Wassails ever. The Wassail, annual banquet and social get-together of engineers and engineering professors, was established years ago to give the Lady Godiva Clan an opportunity to enjoy themselves and exchange stories of engineering skill. Last Saturday, tradition was upheld with as much zeal as ever.

The evening started with a delicious turkey dinner served by the Pythian Sisters. At the end of the meal Dr. Turner provided some informative and highly interesting accounts of engineering accomplishments. A number of other interesting stories of special interest to engineers were told by Profs. Stevens, Beatty, Galbraith, and McFarlane. A toast to the engineering staff was then proposed by Ray Roy. Most of the fellows then grouped around the piano and filled the air with songs of a quality achieved only by engineers. Others gathered in small groups and discussed general topics of interest to all engineers.

Some over zealous fellows obviously ate too much turkey and suffered indigestion as they were seen struggling home with some difficulty. Other, more hardy sorts, were seen later at the GYRO Club dance proving that engineers are second to none in versatility.

The second outstanding social event of Engineering week will take place at the Lord Beaverbrook Hotel on next Friday night when the Engineers' Ball will be held. This dance is open to everybody, so plan to be there.

NOTICES

General meeting of Red 'n' Black, Sunday, Feb. 10, at 2 P.M. Memorial Hall.

Supper meeting of the Ladies' Society at Ladies' Residence, Wed. Jan. 30.

U.N.B. RADIO CLUB: The next meeting of the club will be held on Monday February 4th at 7.30 P.M. in the Electrical Building. A short business meeting will be followed by films.

The Forestry Association is scheduled to meet again on Feb. 4. Best we turn out and do some more planning for the reading room.

Application for Beaverbrook Overseas Scholarships must be received before January 31st.

S. R. C. CUTS BUDGET

At the S. R. C. Meeting, Monday Night it was decided to cut out one edition of the Brunswickian and forego purchase of new hockey pads. Two N.F.C.U.S. proposals, to set up commissions to study possibilities of a national intercollegiate sports union and a national intercollegiate newspaper, were turned down.

ENGINEERING EDITION



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Cartoons NOREEN DONAHOE

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VOL. 71 FREDERICTON, N.B., JANUARY 30, 1952 No. 11

Important Men . . .

Most Canadians were happy to learn that Canada has finally asserted its rights as an independent nation by deciding to build a St. Lawrence Seaways System without American aid. In many other respects Canada is showing signs of becoming a full-fledged, not to mention modern and progressive, nation. Every day we hear more news of original research and development. In field such as jet airplanes and atomic energy, work is being done in Canada by Canadians. Manufacturing is becoming of ever increasing importance to Canadian economy. Our country is opening up. More money was invested in Canadian industry last year than ever before. Everywhere, new pulp and paper mills, power houses, chemical plants and mining developments are pushing back the frontiers of our country.

How can Canada, the country that only a few score years ago was devoted almost entirely to agriculture, become industrialized with such breath-taking speed? Whose ability allows us to make the dreams of our forefathers a reality? Certainly, generous natural resources and favourable trade conditions give us the opportunity to increase our wealth, but, our engineers are the people who can combine material with knowledge and produce the goods and services which raise our standard of living. Canada's future in a changing world rests largely in the hands of her engineers.

No engineer believes that his profession is the one-and-only, all important one. He knows that our educators, doctors, businessmen and all others are indispensable. However, he also knows that every one of these people depends in some measure on engineers for almost every article he uses.

Because engineers, in their professional capacity, so seldom come in contact with the public, people seem to forget them or think of them as land surveyors. Don't underestimate engineers. Their imagination and ability are making your country a better place in which to live.

Lack of Interest . . .

Since the closing of Alexander College an increasing lack of interest in the meetings of the Engineering Society has been observed. At the first meeting of each year, there is a very poor attendance, but attendance at the subsequent meetings falls off, even more until in the spring term, only a few students are left to carry on the business of the society. The lack of interest and apathy is very discouraging to the executive, to say the least.

Films and speakers have been obtained to create interest, but the response has been so poor that it would be embarrassing to invite a speaker to one of the meetings. Admittedly the Engineering Society is composed of three branches of engineering, namely Electrical, Civil and Mechanical, and this fact alone causes some lack of unity and interest. However much of this could be overcome, if we had a place of meeting, where the society could assemble in surroundings more relaxing than a lecture room. Off the campus has been suggested, but no university society should have to go to these extremes.

Most clubs or societies generally have their business meetings and then serve refreshments. However the Engineering Society cannot do this in the confines of a lecture room, and this is probably one of the main reasons that the students have so little interest in the society. This may well be the cause of the lack of spirit at U.N.B. that is very noticeable at all sports events.

The students must have some place where they can meet and be sociable with one another, if the old spirit of this university is to be rekindled. A student centre is needed badly.

We have the professional men in our midst who are certainly capable of designing such a student centre. The results of their professional services may be seen in several localities in the city of Fredericton, and in the province of New Brunswick. Most of these structures are more complicated in design than any student centre would be, so there would be no difficulty in the designing of the centre that could not be overcome.

Each year there is an increased enrollment from Quebec, Ontario and points west. To keep those students here for the duration of their courses and keep other students coming in ever-increased numbers, a move is needed toward the building of a student centre. Keep the ball rolling !!!

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Canada Is Calling

By JOHN FISHER

"Canada is Calling."
Four men sat around a table in Hamilton three weeks ago. Twenty years ago they had all gone to college together. But, they had more than this in common. They all shook their heads. The small businessman with his own metal factory — well, he said it was a critical problem. The big pulp and paper executive claimed that this problem was worse than the shortage of sulphur which he must have to make newsprint. The third man had just returned from a big hydro job in British Columbia . . . "It's terrible, and it's going to get worse . . . it's the one thing that could hold back the development of Canada." The fourth man in the party is a professor of Engineering. He called this common problem — "very serious."

What is this shortage? What was the one thing these four men had in common with themselves and industry and development generally? It is the shortage of professional engineers. Canada's executives are facing a crisis. It will be worse next year — and even worse after that. There are simply not enough young Canadians taking up the profession of the engineer. And the United States is in a worse mess. She could use 60,000 professional engineers right now. Her employment seekers are knocking at our academic doors. This year — just for normal replacements we, in Canada, will need 2,000 professional engineers.

With all the developments of power, aluminium, nickel, new railroads, factories, iron ore, titanium, chemical expansion, oil — we will need more and more trained minds. Yet, look at the universities and you will see that the number of graduates is going down — down each year. According to the Financial Post we will only graduate 1700 in 1952 and at the present rate, unless we attract more students, the annual output will be down to a thousand by 1954 . . . and by that time we'll probably need 3000 a year.

Even at this moment industry has its employment scouts on the doorstep of every engineering school. I'll wager there is not a student — whether he's at the top of the class or the bottom who hasn't been approached over and over by big companies. What would have been considered fantastic wages a couple of years ago, are now being offered. Take the University of Toronto's engineering class which will graduate in June. There are 450 boys, yet, industry has posted on the bulletin board over 1100 openings. Even first year engineers can demand a hefty pay cheque for summer work. Industry has speeded up its training. The urge is on in high schools too — to get more young Canadians interested in engineering. Leaders in industry are talking about more scholarships — shorter courses. They are trying to convince young Canadian that this country is a haven for the slide rule men.

If high school students are worried as to whether this demand is merely a flash in the pan — they shouldn't. The demand for technical manpower is growing faster than our population. We are living in a technological age — every day we become more machine conscious. This is the age of plastics and nylon and synthetic things. Tomorrow, we will put one foot in the great atomic age. We will need more and more professional engineers. At the moment we have one engineer for every 500 people . . . Tomorrow, who knows, we might need one for every 200 or 150 people . . . And that means thousands of jobs each year.

Canada is at last in high gear. The developments in this country are simply tremendous. So are the opportunities. We need bright young men trained and ambitious — need them for our own progress. We need them also for the defence of our way of life. If we can get enough of the third and rising generation to throw their talents into the labs and workshops then we in the free world might raise such an industrial giant that never again would it be necessary for young men to bear arms.

— From "Westinghouse Presents", Sunday, January 13, 1952.

NEED FOR ENGINEERS GROWS

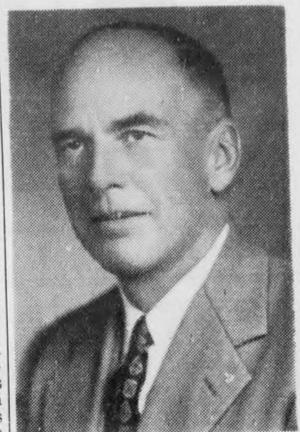
A recent survey made by The Engineering Institute of Canada has disclosed that first year registration of Engineering students at Canadian Universities in 1951 was up more than 10 per cent over 1950.

While the total enrolment of engineering students is down again this year from 8329 last year to 7509, the trend has been reversed and the number of first year registrations is 2105 as compared to 1874 in 1950. On the basis of non-veteran enrolment in first year the figures are 2086 for 1951 and 1831 for 1950, giving a net increase this year of 255 or 14 per cent over the 1950 figure.

The number of prospective 1952 graduates is down considerably from 1951. The prospects for employment of young graduate engineers next spring should be excellent. The shortage is not likely to be eliminated for quite a number of years unless the present level of engineering employment drops very appreciably in the meantime. The number of prospective graduates in 1951 was 2450, 1952 will be 1717, and in 1953 will be, approximately, 1450.

When it is considered that Canada has been absorbing engineering graduates at a rate of more than 3000 per year for the past four years, the fact that fewer than 1500 per year are likely to be available during the next four years is bound to have an appreciable effect on the economic use of engineers by industry. That there will be a continuing shortage of engineers to meet the demand in the next few years seems practically certain.

The relative proportion of total registration in different courses shows very little change from that of the previous two years.



DR. E. O. TURNER
Dean of Engineering

Message From The Dean

The year 1952 is here, and with it comes a situation unique in the History of Engineering. Never before has such a premium been offered for the services of the Engineering graduate. A steady procession of prospective employers has appeared on the Hill, and has made the Engineering staff feel more like a reception Committee than an Engineering faculty.

Now this might appear to be a student's Utopia, but on the contrary, the problem before the young graduate is often as puzzling as any he has met in his University career. When jobs were scarce, the graduate had very little choice. If a good position was offered he took it, and considered himself lucky. Now he faces the skilled salesmen of the personnel departments of many top-notch companies, and in addition he knows that the Civil Service Commission will welcome him, once he qualifies, for a degree. But he can take only one job. And for him, of course, this is a turning point in his life. It is like being offered only one item on a ten course dinner.

If you add to his dilemma the inflationary aspect in attempting to evaluate the remuneration offered, (very few of us have been able to think in terms of the ever shrinking dollar), he faces a puzzle indeed.

During the past few years I have heard many students, especially veterans with families, say that all they wish is security. To most of these students, a government job was the best source of security. Considering that Canada and the United States together now have a public debt approaching 300 billion dollars, or as Mr. Churchill would express it, 300,000 million dollars, (they avoid the word billion in England), possibly there isn't too much security in a government job. Up to now no one has been able to live very long on borrowed money without a day of reckoning.

I believe that most of our prospective graduates realize all this, and while they may have avoided any unnecessary effort in getting pass marks in their University work, they are giving some serious thought about the selection of the proper career. It is not necessary to tell them, for example, that initial salary isn't everything. As a matter of fact it will probably be two years before they are worth their salary.

There is one suggestion I might make, however. Other things being equal, they should select a position that really requires their training and education. Many firms have found that the young Engineer is a good prospect to have on their staff, even though they do not intend to use him in his chosen field. Therefore, as a general rule, the Engineering graduate should not fall for a position which can just as well be filled by someone without an Engineering degree, and the five years of training that goes with it.

Whether or not the young men leaving us now, have all the technical tools necessary for success, they will have at least, a great deal of experience in job selection. It is our sincere hope that their selections will be happy ones and that their lives will never be dull.

NEW E



Professor David I.

Dave is no stranger having graduated in 1945 with a B. Sc. in engineering. He is a Brunswicker hailing from John. Following graduation he worked with the Company in Montreal. He has been a clear Engineering member of the N.R.C. at Chalk River on the design and construction of the Atomic Pile. His present position is Assistant Electrical Engineer.



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E. O. TURNER
Dean of Engineering

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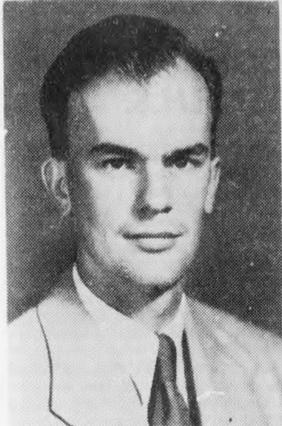
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NEW ENGINEERING PROFESSORS



Professor David K. Plummer

Dave is no stranger to U.N.B., having graduated from U.N.B. in 1945 with a B. Sc. in Electrical engineering. He is a native New Brunswicker hailing from Saint John. Following graduation he worked with the R.C.A. Victor Company in Montreal. Since that time he has been with the Nuclear Engineering Branch of the N.R.C. at Chalk River, working on the design and development of the Atomic Pile. His new appointment is Assistant Professor of Electrical Engineering.



Professor G. Herbert Loane

Professor Loane is a North Shorer, claiming Campbellton as his home town. Herbie came to U.N.B. as a Beaverbrook Scholar, graduating in 1943 with a B.Sc. in Electrical engineering. He served as a P.O. in the signal branch of the R.C.A.F. Following discharge he worked in the engineering department of the Canadian National Telegraph Company in Toronto. He had the distinction of being in the first group of Beaverbrook Overseas Scholarship winners and studied at the University of London in 1947-48. He returned to C.T.N. and has been with that company up to his appointment as Assistant Professor of Electrical Engineering.



Professor R. A. H. Galbraith

Professor Galbraith comes to U.N.B. with a distinguished career as soldier and engineer. He served overseas in the first world war as a lieutenant in the Royal Engineers. He received his B.A.Sc. in Electrical Engineering from the University of Toronto in 1923 the following year an M.A. in math and physics. He was associate professor of engineering at R.M.C. from 1933 to 1938 He held the position of Chief Inspector, Signals and Engineering Branch, Inspection Board of Canada and most recently Director of Armament Development Army Headquarters. Professor Galbraith retired from the army last fall as a colonel. He is assistant professor of electrical engineering.



Biggest Buck I ever saw!!

ENGINEERING PRESIDENTS MESSAGE

By BILL BARRETT

Once again we are celebrating Engineering Week on the campus. Although we have not the time for functions each evening of the week, I think that the Wassail and the Engineer's Ball, if enjoyed with enthusiasm comparable to the effort put into preparations by the Social Committee, under the chairmanship of Ray Power, the week will be well remembered.

The yearly Wassail will be over by the time this copy reaches press, but I trust everyone enjoyed themselves and that next year, it will be bigger and better than ever. A function, such as the Wassail, is ideal for developing the interest of students in Society affairs, while it also breaks the routine of lectures and labs.

I would like to thank the Engineering Brunswickan Editor, Jim Currie, for his enthusiastic effort, as editor of this edition. Thanks also to Ray Roy, Business Manager, Paul Girard, News Editor, the various reporters, photographers, the proof-readers and the regular Brunswickan staff, without whose advice and assistance the task of producing this edition would have been much more difficult. The acceptance of this responsibility by the students, is a good indication, I think of the future general improvement of students spirit "Up The Hill".

On behalf of the Engineering Society, I would also like to thank Dr. Turner, our faculty adviser, Prof. McFarlane, honorary-president, Noreen Donahue, vice-president, and Ralph Brennan secretary-treasurer, for their advice and support during the past term.

During the fall term, we had several meetings which included films, after the general business was transacted. A "smoker" was held in the Oddfellows' Hall and was very much enjoyed, as well as showing a profit financially. A tour of the Marysville Cotton Mills proved to be very interesting. It is hoped, that in the near future, the Engineering Society will be able to arrange a tour of the Canada Cement Co., Ltd. plant at Havelock, N.B. or the Tobique River Power project.

The Engineering Week challenge hockey game, played with the Foresters, will have been won by the better team by this time. May I congratulate the winning team. Through the co-operation of the Forestry Association, a

trophy will be challenged for each year during Engineering Week. This is another step in the right direction and I would like to congratulate those senior student engineers, who thought of, and acted out this novel idea.

Another worthwhile project undertaken by the Engineers of '52 was The Joe Kaiser Memorial Loan Fund. The idea, was conceived by Arnold Murray and promoted in conjunction with, A. J. Hansen. I am very pleased to report that the first loan of one hundred dollars has been granted. This fund was set up in memory of the late Joe Kaiser, who was a member of the Civil Engineering Class of '52. It is to be hoped that future classes in Engineering will leave behind them, some symbol of their united efforts, when they graduate.

The above has been a summary of the years' activities. I will now get on with my message to all student engineers. Ponder over it and respond accordingly. For years the Engineering Institute of Canada, as well as the various provincial Associations of Professional Engineers, have been attempting to raise the status of the Engineering Profession to the same level of prominence as Doctors, Lawyers and other professional groups. From my experience in the last few months as president of the Engineering Society, I can well understand the problems and difficulties involved.

The field of engineering has become so diversified, that a united effort to reach the level of other professions would seem impossible. If the Professional Engineers are to accomplish their goal, they must pull together. They must take an interest in their local branch of the Institute and the Associations of the province in which they are practising.

It is at the universities that we should be getting the foundation for the understanding, one of the other by taking an interest in our Society so that when we graduate and meet obstructions so professional prominence, we may meet them united. So, let us all pull together; in unity, there is strength.

In closing, would like to wish everyone who is able to come, a very enjoyable evening at the Engineers' Ball on Feb. 1st, also the best of luck on the final exams, which are not too far distant.

Late hours, no sleep.

Now you're looking like a creep;

Coffee flows, aspirin, too,

Seems your eyes are full of glue.

Roman Empire, calculus,

Find the unknowns, mustn't fess;

Temper short, walk with droop,

Keep on feeling like a stupe.

Paper spread on the floor,

"Quiet, Please!" on the door.

Books are stacked in towering pile—

Wonder if it's wort the while?

Toss a coin, decide the crams:

Heads, the Army; tails exams.

—PENN STATE FROTH

Intuition: The strange instinct that tells a woman she is right, whether she is or not.

Minor operation: One performed on somebody else.

Bachelor: A man who's been lucky in love.

Television: Radio with eye-strain.

Optimist: A fellow who thinks his wife has given up cigarettes when he starts finding cigar butts around the house.

Flirt: A woman who believes that it's every man for herself.



Western to Star in College Movies

London — (CUP) — Western, and 300 of its students, will make the movies next month.

The National Film Board has announced that the western campus has been chosen as the live set for a feature-length picture of the life of the Canadian co-ed, to be shown Canada-wide in theatres this fall.

Although professional actors will be used in the production, the N.F.B. will call on 150 Western couples for a dance scene, which will be staged in Convocation Hall.

The film will be made with the sociological point of view to show the therapeutical values of college life — for this particular girl, an aid to conquering an inferiority complex caused by hating a father in an insane asylum. The home background of the heroine will be a small Western Ontario centre.

The N.F.B. also announced that they would be working on a Maritime University Campus at Easter filming the internationally famous St. Joseph's University Choir.

Player's Please
CANADA'S LEADING CIGARETTE

QUALITY EQUIPMENT FOR EVERY SPORT

FINE WOOLLENS and SPORTSWEAR

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James S. Neill & Sons Ltd.

TREK

EDS LOSE F.H.S.

A basketball game that was the quietest of the season, B. Co-eds absorbed their defeat, again at the hands of Fredericton High School.

Games are usually accented by wild and furious cheering and jeers but the spectators watched the game on the Devon School Auditorium lacked their customary excitement.

The game itself was a quiet one, until the last quarter, when the two teams were matched, the score being tied at half time. But when the game was again tied, the school girls got a lead which was maintained throughout the period despite a determined effort on the part of the B. Co-eds.

The final score was 37-

scorer for F.H.S. was Iris who played her usual fast-game and racked up 24 team's points. She was led by E. Stairs with seven.

U.N.B., Jackie Vey added ten to her total, while Marg, Eren got nine, Joan Murray, and Jeannette Webb

LINEUPS:

B.: E. Brown, J. Murdock, J. Webb, S. McLeod, M. Eren, E. Scribner, M. MacIntosh, N. Clark, J. Goodson, P. Clark, B. Fisher, M. I. Bliss, E. Edgcomb, P. E. Stairs, Squires, J. an, McIntosh, Machum, S. Sullivan, Miller, McDade.

Transits Lead Men's Curling League

Three matches were held this evening in the Men's Curling League. On Monday, January 21, the Transits defeated the Newmen Club, 1433 to 1250 for a net of four points. John Rice of the Transits, with a single of 323, was high for the night.

The following night, the Faculty won four points from the Residence. Individual honors went to the Transits with a single of 97 and a high triple of 34.

In the second game of the night, the Senior Foresters took four points from the Rockets. By Hanusiak led the winners, he scored the high single and high three with scores of 114 and 287 respectively.

STANDINGS:

Team	Strings	Points	Pinfall
Foresters	6	8	2851
Transits	6	5	2644
Faculty	6	5	2549
Residence	3	4	1294
Senior Foresters	3	2	1351
Newmen Club	6	0	2484
	6	0	2417

What is number 26799543 fighting about?"

He just caught the seven-year-old.

"What's funny about that?"

He's being hanged tomorrow."

SENATORS WALLOP VARSITY, 9-2

Varsity Hoopsters Lose to Dalhousie

by Dennis Hammond

The U.N.B. Senior Varsity basketball team last Friday dropped their first contest of the season when the visiting Dalhousie University squad racked up a 37-30 win. The game, witnessed by a small crowd of fans at the Lady Beaverbrook Gymnasium, was for the better part slow and only at times did it open up and produce fast, sparkling basketball.

The Red and Black cagers, not playing their best basketball, were kept from scoring time and again by the strong man-to-man defense used by Dal. Their tight defense, plus perfect rebounding on both backboards, enabled them to keep U.N.B. from opening up.

The Nova Scotia quintet was never behind and at times were out in front by as many as 12 points. The half-time score was 20-13 with the first and third quarters ending 10-4 and 30-20 respectively.

The game was rather cleanly played, with only 23 personal fouls being called, 15 against Varsity. U.N.B. scored four of their eight foul shots, while Dalhousie sank five out of 15.

Little of Varsity was high scorer in the game with 10 points. He was followed by Mooney of Dal, and Glass of U.N.B. with eight each.

LINEUPS:

U.N.B.: Nakash 2, Glass 8, Little 10, Stairs, Abernethy 3, Brannen, Miller 3, Patterson 4, Crockett, Bowlin, Whalen.

Dalhousie: Henderson 5, Clancy 6, Weld 4, Cluney, McCurdy 2, Mooney 8, MacDonald 6, MacKeen, Connelly.

Referees: Rouse and Sypher.

Curlers See Action Against Law School

Last Saturday night marked the beginning of what might easily become an annual event as four rinks from the Saint John Law School played here against U.N.B. at the Fredericton Curling Club.

The match got under way at eight o'clock and was featured by keen ice and keener strategy. After the last stone had been thrown the total score saw the local boys out front 48-32. Skips Jim Purcell, Dave Bradshaw, and Jim McCoster, led winning rinks for U.N.B., while skip Terry Kelly of the Law School copped the remaining win.

Lane	U.N.B.	Law School
Lane 1	J. Igram G. Montgomery	J. Foyte J. Purcell
Lane 2	B. Brittain D. Mann G. Stairs	D. Bradshaw 12
Lane 3	J. Pinder G. Kennedy S. MacNeish J. Coster	
Lane 4	E. Underwood E. Pepler N. Carroll E. Allen	

Residence I Lead Water Polo League

Residence I captured first place in the Intramural Water Polo League last Saturday by defeating the Engineers 6-3. The Engineers, trailing 4-0 at one point in the contest, fought back hard but were unable to cope with the superior ball handling of the House squad.

In the second game of the afternoon, the Consmen suffered a 13-2 defeat at the hands of the third-place Sr. Foresters. Although both teams were quite evenly matched, the Foresters still managed to overcome their opponents by a wide margin.

The game between Residence II and the Sea Dogs saw the first tie of the current season as the two teams battled to an 8-8 draw in a very close contest.

STANDINGS:

Team	Pts.
Residence I	8
Residence II	6
Sea Dogs	6
Senior Foresters	4
Engineers	4
Consmen	0

MIXED BOWLING

Last Thursday night at the always the Intramural Mixed Bowling League resumed regular play for the Spring term. In the first game of the night, the Ins & Outs defeated the Rockets, 4854 to 4586. Love led the winners with the high single string score of 340.

The Gutterknives kept pace with the Ins & Outs by winning over the Pinheads, 4970 to 4465. Bob Coke won individual honors by copping the high single with 350.

Tomorrow night the Ins & Outs will meet the Pinheads while the Rockets play the Gutterknives.

NOODLES' LINEUP IS RELEASED

Further details have now been released concerning the eagerly awaited basketball game between the "International All Stars" and the "New Brunswick Noodles". The following line-up has been released by the manager of the "Noodles" in an exclusive press release; Bill Ayer of Sackville, a crafty little player who has quite a reputation; Jack Cassidy of Newcastle whose fame has spread a considerable distance from his native home among the woods of the Miramichi; Don McPhail of Sackville, another well known figure from that prolific breeding ground — the Tantramar marshes; John Roman of Newcastle whose shooting amazes all who behold it; and finally Bruce Whitehead of Saint John who has been expertly dribbling from an early age.

The "All-Stars" team manager has declined to release his team line-up but has hinted that it will contain internationally known figures from both America and Europe. The game will be played in the gymnasium during the first week of February. Watch for posters advertising this basketball treat and be sure not to miss it.

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515 King Street, opposite CAPITOL THEATRE
Also boots and high top gum rubbers for sale

Notices From Phys. Ed. Dept. . . .

An Interclass Swim Meet will be held February 19th. Will all students wishing to participate please register at the Physical Education office.

Red Cross Swimming Tests
Will be conducted in the Lady Beaverbrook swimming pool on Thursday evenings from 7.45 to 8.30 P.M. The first session will be held January 31st, if sufficient interest is shown.

Those wishing to qualify must register in advance at the Physical Education office.

Senior Swimmer qualification test:
100 yds. breast or side stroke.
100 yds. back stroke
100 yds. crawl.
25 yds. Arms only on back.
50 yds. legs only on back.
Surface dive and swim 15 feet under water.
10 minutes tread water, float or swim in place.
Shallow dive.
Running dive.
Water safety knowledge test.

Intermediate swimmer qualification test:
Swim 40 yds. breast or side stroke.
Swim 40 yds. back stroke.
Swim 40 yds. crawl.
Swim 20 yds. arms only on back.
Swim 20 yds. legs only on back.
Surface dive and swim 10 feet under water.
Stride jump into water.
5 minutes tread water, float or swim in place.
Water safety knowledge test.

Crests for bathing suits and larel pins will be awarded to all who qualify at a cost of 16 cents per person.

U.N.B Outclassed in Exhibition Hockey Game at St. Andrew's

By FRANK WALTON

Last Friday night at the St. Andrew's Arena, the U.N.B. Senior Varsity absorbed a 9-2 drubbing at the hands of the Senators in a wide open hockey game. It was the second straight defeat for the Red and Black.

Playing a rough brand of hockey, the Senators proved too much for the lighter, although at times faster, college players. Led by their ace centreman, "Pickles" MacNichol, the St. Andrew's squad outplayed Pete Kelly's boys all the way.

The Senators drew first blood when Abie MacMillan scored on a pass from Harry MacNichol at the half way mark of the first period. Ralph Dinkin tied it up when he scored on a hard shot from the left side, after taking a pass from George Kennedy. However, the Senators went ahead to stay late in the period when "Sandy" Miller scored an unassisted goal.

The second period was all MacNichol's, as "Pickles" fired one goal and set up three others. The Senators outscored U.N.B. 3-1 in the final period, with Wally Zaremky scoring Varsity's goal from a rebound.

Sixteen penalties were called in the contest, with Donkin of Varsity drawing three. Only six penalties were called against St. Andrew's. The Senators outshot the Red and Black 30-24.

LINEUPS:

U.N.B.: Goal, T. Walker; defence, Lalor, Sample, Hallett, Watt; forwards, Smith, Lyons, J. Wilson, Donkin, Kenny, Kennedy, Zaremky, T. Bliss, Snow, Thompson.

Senators: Goal, K. Ross; defence H. MacNichol, R. Ross, Sharkey; forwards, A. MacNichol, Stuart, Miller, J. MacFarlane, P. MacFarlane, A. MacMillan, R. MacMillan, R. MacMillan, Henderson.

Referees: Irwin and Goodeill.

SUMMARY:

First Period:

Scoring:
1—Senators, A. MacMillan (H. MacNichol) 8.55
2—U.N.B., Donkin (Kennedy) 16.50
3—Senators, Miller 19.50
Penalties: Thompson (1.45), Donkin (9.02), Sample (14.55), H. MacNichol (16.25), Donkin (17.35)

Second Period:

4—Senators, Stuart (A. MacNichol) 0.45
5—Senators, Miller (A. MacNichol) 6.30
6—Senators, H. MacNichol (A. MacNichol) 11.45
7—Senators, A. MacNichol (Stuart) 14.30
Penalties: A. MacMillan (2.15), Bliss (4.50), Sharkey (major), Lalor (major) (9.55), M. MacNichol (18.03).

Third Period:

8—U.N.B., Zaremky (Bliss) 0.45
9—Senators, Stuart (Miller) 4.00
10—Senators, Stuart 16.50
11—Senators, Miller (A. MacNichol, H. MacNichol) 17.40
Penalties: Thompson (3.20), Miller (7.30), Donkin (12.50), Sample (16.20), Bliss (17.10), J. MacFarlane (19.10)

Stops by Periods:

	1st	2nd	3rd
K. Ross	10	9	5
T. Walker	10	8	12

SQUASH NOTES

A Squash Ladder Tournament will be held in the Squash Court of the Lady Beaverbrook RESIDENCE.

Racquets and balls are available in room 211 of the Residence to enter tournament, write your name and telephone number on blank tag available on ladder board near door of squash court.

Play-off will be scheduled at a later date to decide the University championship and a crest will be awarded by the A.A.A.

Intramural Curling to Start Saturday

Intramural curling will officially get under way this Saturday night at eight o'clock in the Fredericton Curling Rink. All curlers who have been turning out have been asked to draw up their own rinks. Skips entering rinks are asked to give their names to Jim Coster or Dave Bradshaw. Any others who are interested in participating in intramural curling should leave their names and telephone numbers at the office in the Gym.

A schedule will be drawn up and play will be every Saturday night at eight o'clock. Intramural championship crests will be awarded in the spring.

NOTICES

TO ALL BADMINTON PLAYERS: Tentative plans call for a tournament to be held on February 2. The intercollegiate team will be chosen on the basis of this. All those interested in trying out please notify the manager.

NEXT WEEK IN SPORT

WED. JAN. 30

Intramural Basketball

7	N	B	Bullets vs. Soph. Foresters
8	N	B	Foresters vs. Residence "A"
9	S	A	Alumni vs. Mooseheads
9	N	B	Residence "B" vs. Froshomores
8	S	A	Chemists vs. Engineers

THURS. JAN. 31

Intramural Bowling (Mixed)

7.00	Ins & Outs vs. Pinheads
9.00	Rockets vs. Gutterknives

FRI. FEB. 1

Co-ed Basketball — Gymnasium — 7.00 P.M.

SAT. FEB. 2

Intramural Water Polo

2.20	Senior Forester vs. Residence II
3.00	Engineers vs. Sea Dogs
3.40	Residence I vs. Consmen

M.I.A.U. Playoff Basketball

St. Dunstan's University vs. U.N.B. Varsity — Gym. 8.30 P.M.

Intramural Curling

At Fredericton Curling Club — 8.00 P.M.

Intramural Skiing

Cross Country — starting from Gym. — 2.00 P.M.

Badminton — Gym. 2.00 P.M.

SUN. FEB. 3

Intramural Hockey

1.00	Engineers 35's vs. Combines
2.00	Axemen vs. Atoms
3.00	Residence vs. Senior Foresters
4.00	Freshmen vs. Silver Streaks

(This schedule is tentative, pending possible revision of the schedule, due to the possible dropping from the league of the Freshmen).

MON. FEB. 4

Intramural Bowling (Candlepins)

7.00	Faculty vs. Senior Foresters
9.00	Residence vs. Newmen Club

Badminton — Gym. — 8.00 P.M.

TUES. FEB. 5

Exhibition Hockey — York Arena — 8.30 P.M.

St. Andrew's Senators vs. U.N.B. Varsity

Intramural Bowling (Candlepins)

7.00 Transits vs. Outlaws

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MIXED BOWLING SCHEDULE

Jan. 24 — Feb. 14	7.00	Ins & Outs vs. Rockets
	9.00	Gutterknives vs. Pinheads
Jan. 31 — Feb. 21	7.00	Ins & Outs vs. Pinheads
		Rockets vs. Gutterknives
Feb. 7 — Feb. 28	7.00	Gutterknives vs. Ins & Outs
	9.00	Pinheads vs. Rockets

MECHANICAL ENGINEERING

Want to build planes? Cranes? Trains? Or perhaps you would like to play around with gadgets and gears. In either case you can get a good start here at U.N.B. The Civil and Electrical departments have been joined by a younger brother, the department of Mechanical Engineering.

It has been less than a hundred years since engineering first began to sub-divide into branches. Since the middle of the last century, tremendous strides have been taken in the fields of science and engineering. Engineering a hundred years ago was concerned mainly with projects which are today looked after by civil engineers. Electricity was being tinkered with, and the industrial revolution was bringing forth the ingenuity of a few men. In general, however, the surface was just being scratched.

Increasing scientific development has led to a breaking up of the engineering. In a sense, men working in one particular field of engineering are specialists. They are not technicians however, since each field requires a fair knowledge of allied fields.

The history of mechanical engineering as a field in itself goes back little more than half a century. This was the beginning of the age of machines. It was also the peak of the British Industrial Revolution which set the pace for industrial expansion throughout the world. This industrial expansion has even resulted in sub-division of Mechanical Engineering. A few of these branches are the automotive, aeronautical, marine, refrigeration, combustion and industrial fields of engineering. These have sprung up to meet an increasing demand for specialists in fields which are becoming continually more specialized. In most cases, mechanical engineering provides a good background for any of these fields.

The period before and during World War I was a time of great industrial growth in the United States. A very similar condition existed in Canada just before and especially during World War II. Both have resulted in a large demand in North America for trained Mechanical Engineers. This demand has been greatly increased by the present post-war

rearmament programs. Canada is still undergoing an industrial expansion akin to that which took place in the United States earlier in this century. This expansion is so rapid, in fact, that it is impossible for the supply of engineers to keep up with the demand.

Canadian mechanical engineers have often initiated new designs and in many cases have led the world in original research. They have developed aircraft gas turbines second to none in the world, all welded warships with all aluminum superstructures, and new, more efficient methods of production in factories. These are a very small sample of the work being carried on by Canadian Engineers in the mechanical and related fields.

Many Canadian universities have had engineering for some time. It has been from these universities that the Canadian demand for mechanical engineers has largely been met. Now, for the first time, the University of New Brunswick is offering a full five year course leading to a B. C., degree in mechanical engineering. Organized in 1950 by professor E. E. Wheatley, this course now has forty students enrolled in the first four years. These include four in the fourth year, eight in the third year, and fourteen in each of the first two years. Courses offered include Kinematics of machines, Heat engineering, Heat engines, Power plant design and two courses each in Machine design, Machine shop and Mechanical Engineering laboratory. These are combined with courses from the civil and electrical departments, as well as several arts and science subjects. Altogether, these courses are intended to provide a well balanced background for the future mechanical engineer.

In line with the new faculty of engineering, the existing facilities of the mechanical department at U.N.B. are being enlarged. A small scale wind tunnel has been built, and equipment is being added to the engine testing laboratory. Apparatus for additional experiments is also being constructed. With graduation of the first class in mechanical engineering in 1953, U.N.B. will begin to contribute trained men to a branch of engineering which appears to hold unlimited opportunities for the future.

Cotton Mill Visit

On November 23 a group of twenty-five engineering students visited the Marysville Cotton Mill. The trip was made by bus from downtown Fredericton to Marysville. The students were received at the plant by the superintendent, Mr. Robinson, who organized parties that were directed through the plant by several members of the business staff.

The manufacture of cotton fabrics and the operation of the machinery was thoroughly explained and demonstrated to the students. Starting at the lower floor of the plant, where the bales of raw cotton are placed in the ginning machines to be cleaned, the process was followed along to the very last department where the cloth is stored and made ready for shipping to local and foreign markets.

Nearly all of the raw cotton is purchased in South America and is shipped by rail in five hundred pound bales. These bales are wrapped with coarse bagging and bound with bands of iron.

After the cotton is cleaned it is carried by large conveyor belts to the carding machines. These machines have large rollers covered with fine wires anchored into a firm backing, like the bristles of a wire brush. The carding untangles and strengthens the fibres, which may be further strengthened or made parallel by a machine called a comb. The fibres come from the carding and combining machines in a long, soft, untwisted rope called a silver. The silvers are passed through a series of rollers, in which each roller goes around at a faster speed than the one before. This stretches the silver into a smaller and smaller yarn, until the desired fineness is reached.

Because different patterns of finished fabric are required, it is necessary to dye the spools of cotton different colors. The full spools are placed in cylinders of hot dye and lightly covered. The dye is forced into the core of the spool and allowed to penetrate out through small openings into the yarn for several hours. After a sufficient time has elapsed the spools are removed and allowed to dry for several days.

The looms are a fine display of precision-made machinery on which are stretched a number of parallel threads to make up the desired width of cloth. This forms what is called the warp of the fabric. The weft, or crosswise threads in the finished cloth, is formed by passing a shuttle filled with thread over and under the warp threads. The hardness which is attached to the loom lifts whole groups of warp threads at a time, so that the shuttle may pass through between them.

Among the many other interesting features that were brought to the attention of the students were the recently installed sanforizing machine, the electric control panels and the steam operated electric generators which are used at times of power interruptions.

This visit was of great interest to students of every different department of engineering and will long be remembered by those who made the trip.

Mr. William Barrett, president of the Engineering Society, thanked Mr. Robinson on behalf of the visiting students, and the boys joined to travel back to Fredericton, well satisfied that their minds had been broadened by this visit.

Slabs and Edgings

Ed's Note: This column will be a weekly attempt to acquaint students in other faculties with some of the features of Forestry.

The man who said "Go West, young man" could never have seen Paul Provencher's films or heard him talk. Folks at the Teachers' College Auditorium last Friday evening received more than their money's worth in 2½ hours of an interesting, and sometimes amusing or thought provoking program.

Paul Provencher, Chief Forester of the Quebec North Shore Paper Co., showed these films dealing with the life and country found in Northern Quebec accompanied by lively running commentary given by himself. His excellent photography was exhibited on all scenes but his pictures of one of the gray-green waterfalls dropping into a misty cloud topped by a rainbow which in turn seemed to end in a bank of perpetual snow were ones which will not be too, that there was more than one person a bit envious of the seven and eight pound rainbow trout that were caught. I don't mind admitting that I was.

The evening ended on a sober note that really brought home the effects of forest fires. The discouraging results of one careless match were well brought out and it is to be hoped that a lesson was learned.

A note of thanks is in order to Ian Sewell for his efforts in arranging for this film, the proceeds of which will go into the Videto-Hadley Memorial Reading Room in the Forestry building.

It's rumored that some members of the less enlightened faculties are under the impression that the duty of a scaler is to chip the scales off spruces logs. . . could be.

Did you know that moose's antlers grow out from the side of his head, while those of a deer grow from the top? Mule, deer, and coyotes run with their tails down; white-tail deer and wolves hold them high.

Here's wishing Dr. Gibson a speedy recovery. We hope to see him around again soon.

HOW TRUE!
Senator: Did you hear that the Big Four got together, yesterday?
Representative: No, who?
Senator: Dagmar and Jane Russell.

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INSP

Dots, Dashes and Whistles

If you are fortunate to live along a certain portion of Street, in the Residence or near W. you will probably have heard of hearing you radio program dissolved and agonizing squeals, dashes, etc. You probably observed the erections of wire strung tops, chimneys and other supports. No doubt you were by a few obvious characters muttering little such as "Why can't I get WNEW anyone else", and "that guy get rid of his snow".

In case you don't remember, you are interested in the members of the club. This select group of fifteen members is on the campus as well as engineering besides the Society. The club is a vague date in when a small group of Marconi's met to themselves into a club their interests in radio. Since then they prospered and is the kind in a Maritime Members of the club amateurs, a few unsavory who would like radio amateurs, and who are just interested and similar monstrous.

Activities of the club meetings about once which talks are given shown. Tours are made radio installations. The club have facilities morse code with readers will already mentioned above. The club has two members which has two Since its formation, possessed a club room der College. With the closing of Alex how has had to look for Thanks to the kind Electrical engineering the club now has room in the electrical which will be its future club possesses its own receiver and associated receiver and associated together with tools, of course a junk box coils, condensers, bro similar paraphernalia.

Perhaps the prece have aroused your club. If so, why not the next meeting of the club room in building some after more members the better it will become who is interested in of radio is urged to acquainted.

Football coach "you that you were a er?"

Freshman: "When my father looked at "This is the end". —Y

The farmer, with tucked in the crook opened the door to office.

"Are you the doctor?" "Yes. What can it's not me". Th wider to reveal a yo my son-in-law, Doc him and I want y up."

When the doctor all the buckshot he farmer and scold ought to be ashamed Abner, shooting yo "Well," replied wasn't my son-in-law him."

and Edgings

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HOW TRUE!

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or your dancing pleasure . . .



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INSPECTOR TO CALL THIS WEEK

Dots, Dashes and Whistles

If you are fortunate enough to live along a certain portion of Regent Street, in the Beaverbrook Residence or near Waterloo Row, you will probably had the experience of hearing your favourite radio program dissolve into wierd and agonizing squeals, whistles, dots, dashes, etc. You have probably observed the erection of long lengths of wire strung from tree tops, chimneys and other available supports. No doubt you have passed by a few obviously crazy characters muttering little nothings such as "Why can't I work dx?", "I can get WNEW better than anyone else", and "Why doesn't that guy get rid of his key clicks?". In case you don't realize it, you may be interested to know that you are in the company of some of the members of the UNB radio club. This select group of about fifteen members is the only group on the campus associated with engineering besides the Engineering Society. The club dates back to a vague date in March 1947 when a small group of "would-be Marconi's" met to amalgamate themselves into a club to further their interests in the realm of radio. Since then the club has prospered and is the only club of its kind in a Maritime university. Members of the club include radio amateurs, a few unsuspecting fellows who would like to become radio amateurs, and those people who are just interested in radio and similar monstrosities. Activities of the club consist of meetings about once a month at which talks are given or films shown. Tours are made to nearby radio installations. Members of the club have facilities to practice morse code with which many readers will already be familiar as mentioned above. The club is probably the only campus organization which has two club rooms. Since its formation, the club has possessed a club room at Alexander College. With the impending closing of Alex however, the club has had to look for new quarters. Thanks to the kindness of the Electrical engineering department, the club now has the use of a room in the electrical building which will be its future home. The club possesses its own transmitter, receiver and associated equipment together with tools, magazines and of course a junk box full of old coils, condensers, broken tubes and similar paraphernalia. Perhaps the preceding few lines have aroused your interest in the club. If so, why not drop into the next meeting or come up to the club room in the electrical building some afternoon? The more members the club has, the better it will become and anyone who is interested in the wonders of radio is urged to come and get acquainted.

Football coach "Who ever told you that you were a football player?"

Freshman: "When I was born my father looked at me and said, 'This is the end'." -YALE RECORD

The farmer, with his shotgun tucked in the crook of his arm, opened the door to the doctor's office.

"Are you the doctor?" he asked. "Yes. What can I do for you?" "It's not me". The door opened wider to reveal a young man. "It's my son-in-law, Doc. I had to shoot him and I want you to fix him up."

When the doctor had removed all the buckshot he turned to the farmer and scolded him. "You ought to be ashamed of yourself, Abner, shooting your son-in-law." "Well," replied Abner, "he wasn't my son-in-law when I shot him."

S. C. M. NEWSCAST

The members of the Student Christian Movement are still on the move. Sometimes, however, we find that we'd move much faster if the rain wouldn't remove the snow.

We found ourselves in the same position this year as we did last—no snow for the annual S.C.M. Slay Ride. Oh well, there was a Skating Party—and the kids seemed to enjoy themselves. Lucy's Art Centre seems to be a favourite spot for parties. Please remember that there is a S.C.M. get together in the Arts Centre every Saturday nite and you're always welcome, even after the Basketball Game. For your information almost everyone goes there first anyway. Singing appears to be a favorite past-time of the S.C.M.'ers and Saturday evening is usually a good time to give off some of that stored up energy. Although the Holy City is highly esteemed, we all pitch in on the popular songs. Enough of Saturday nite activities.

Last Sunday nite Miss Peters, a returned missionary from China, told us about many interesting and valuable incidents. She not only told us about life on the eight floor of an old building and how cold it used to be, but also about the number of her friends who had met death or punishment at the hands of the Communists.

Miss Peters was accompanied by Dr. and Mrs. William Sheriden also just back from China. Although Dr. Sheriden was called upon by surprise, he did give us some humorous as well as inspiring information. You've all heard of people having their tonsils removed while on a dining room table—well, according to Dr. Sheriden this is quite true. He also told us about how the Communists trap the youth of the country. No examinations or one person writing for everyone are pretty good bribes, eh what!!!

The S.C.M. programme for the future is rapidly filling out. On Sunday, February the third, George Marrison, General S.C.M. Secretary, is preaching in George St. Church. His sermon topic is CAMPUS EVANGELISM. Also on February the third there is to be an Inter-Youth Fireside in St. Annes Parish Hall as eight thirty. The programme will consist of short talks on missions, conferences, work camps and prayer with the main theme being "Faith".

In the week of February the thirteenth Miss Helen Burlton from National Council will be in Fredericton. She will be speaking to the various Youth Groups in our community.

In addition to all this S.C.M. is still talking about a Winter Hike. Who knows the plans may still crystalize.

In conclusion remember that "the key to understanding the task of the S.C.M. lies in recognizing the Lordship of Jesus Christ over the totality of man's life. This involves for the S.C.M. the proclamation of the Lordship of Christ in the areas of life we call the University and a Christian obedience to His Lordship in the life of the Movement. The S.C.M. exists in the University in the way of Church exists in the world."

The little man came home unexpectedly to find his wife in the arms of another man. Seizing the man's umbrella, he raised it high above his head with both hands. . . and down sharply over his own knees. It broke it two. "There!" cried the little man. "Now I hope it rains!"

-PRINCETON TIGER



Diana Crabtree and Don Bell in rehearsal while Professor Shaw looks on.

To-day, An Inspector Calls, the Drama Society's major production opens in Teacher's College. The three night's run, January 31, Feb. 1st and 2nd, is the culmination of several months hard work by Director Shaw and his cast, and the many behind the scene people who have contributed so much time and effort.

The big challenge will come next week, on February 5, when "An Inspector Calls" will be put on as U.N.E.'s entry in the New Brunswick Regional Drama Festival. This is being held in St. Stephen this year. About thirty make-up, sets and property men students, comprising the cast, will set out at six Tuesday morn-

ing to have everything in readiness for the night's production. The Regional Festival is especially important this year as St. John is playing host to the Dominion Drama Festival this spring. There is thus a good chance that the New Brunswick winner may be asked to participate in the Dominion festival. Therefore the U.N.E. Society and the six other expected entries are putting forth a special effort.

"An Inspector Calls", an intriguing, and thought-provoking play, put on by an excellent cast, under the able direction of Prof. Alvin Shaw, will present a most creditable performance at St. Stephen.

ART CENTRE NOTICE

This Sunday evening, February 3rd, Mary Needler is going to put on a very entertaining program, composed entirely of an old English ballad opera.

During the 18th Century there arose in England a type of comic opera known as ballad opera. These were parodies on the mannerisms of Italian grand opera and they were composed by setting words to existing popular tunes and folk songs. Heroic figures of grand opera were replaced by beggars, thieves and pickpockets. It is one of the most notable of these ballad operas which Mary has chosen for Sunday evening.

PROGRAMME

The Beggars Opera — (Gay Pepusch. 1728).

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Notes on Dramatic Director

Professor Alvin Shaw, who directs "An Inspector Calls" brings with him a varied experience in all types of Drama. He acted in many plays in High School and later in connection with Khaki University. During his undergraduate years at the University of Toronto he made an outstanding contribution to college dramatics. In four years he played in fourteen plays, ranging from Shakespeare to a prize winning, student written play, Money for Jam. Professor Shaw directed several plays for the University College Players' Guild. In his final year he was awarded the W. J. McAndrew award for the most outstanding contribution to college dramatics. He also acted in several Heart House Theatre productions.

Here at U.N.B. Professor Shaw is well known for the stimulus he has given to URP, by both acting in and directing several of the major programs. He also directed Overlaid, which was so successful in this fall's bill of one-act plays.

As far as An Inspector Calls is concerned, the duties of director extend from outlining stage directions and interpretation, to painting sets and helping to welcome invited guests on the nights of the play. Professor Shaw, with his wide experience and great enthusiasm is contributing greatly to the success of "An Inspector Calls."

PENGUIN BOOKS

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Advertisement for Neilson's Malted Milk Bar. The image shows a box of the product with the text "Neilson's MALTED MILK BAR" and "CANDY MILK". Below the box, it says "Enjoy the best!". The number 502U is visible in the bottom left corner of the box image.

JOE KAISER LOAN FUND

In the summer of 1950, the amazing life of Joe Kaiser (C. E. 52) was abruptly brought to an end by the crushing blow from a drag-line bucket.

We'll always remember Joe. He was one of those unforgettable fellows that a guy meets but once in a lifetime. I think that most of us know his story. . . of his orphanage youth, of his many hardships, of his meagre education but most of all of his ambition and determination. Having only a grade 6 education wasn't going to stop Joe from going to college after leaving the army. After but six months of study at Millidgeville, he obtained his college entrance. He had just completed his third year in Civil Engineering, when the unfortunate accident cut short his rise to success.

In order to commemorate him, and at the same time to create something useful, his classmate originated what is known as "The Joe Kaiser Memorial Loan Fund."

The response to the appeal for donations was remarkable. Joe Kaiser's own class (about 35 students) contributed close to \$200. Donations poured in from other engineering students in different years. The response from the faculty was also very encouraging. A donation of \$40. from the U.N.B. Forestry Association showed that we also had their whole-hearted support. After the close of the drive a total of over \$750. was counted. This is remarkable considering the size of the engineering body and the fact that few could really afford to give donations.

The loans are to be issued in grants up to \$100. and are payable two years after graduation, interest free. At present, in order to maintain a suitable reserve, the loans are restricted to third year engineering students.

It is hoped that this fund will be but a nucleus of a larger fund which will be able to offer larger loans to students in any year.

Oscar came to the city and got a job as a janitor in a girl's dormitory. As the housemother handed him the pass key to every room in the house, the question of wages presented itself.

"Would ten dollars a week be all right with you?" she asked timidly.

Oscar was silent a moment. "I don't know if I pay that much or not, lady," he said finally.

—TEXAS RANGER

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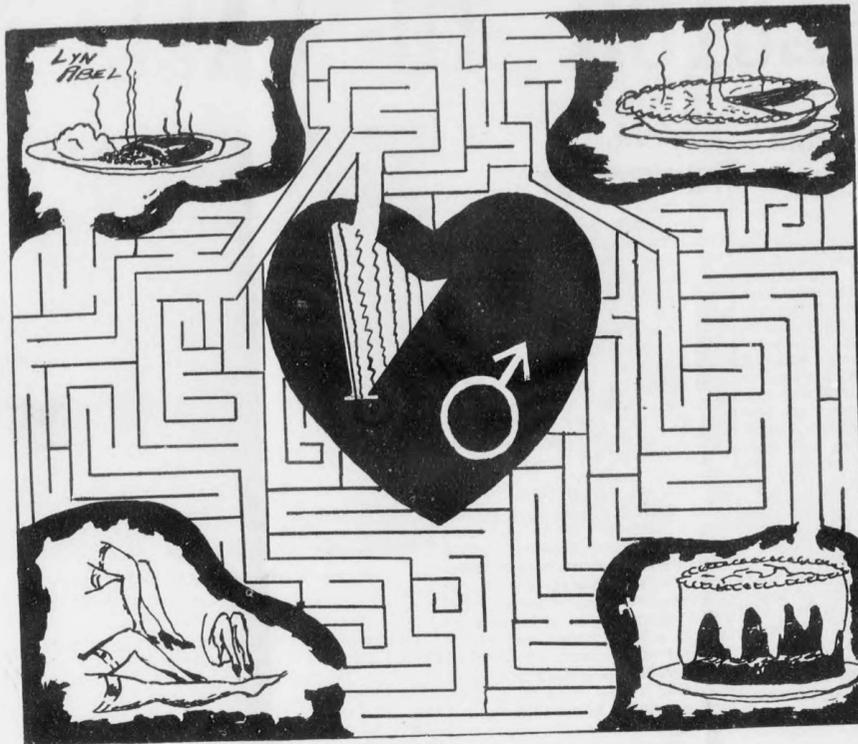
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E. I. C. BRANCH FORMED

On the evening of Dec. 7th, 1951, Dr. I. P. McNabb M.E.I.C. President of the Engineering Institute of Canada presented the newly formed Fredericton branch of the E.I.C. with its charter. Thus another branch of the E. I. C. was formed to add to its many other branches across Canada.

A few months ago several local engineers decided it was time that Fredericton should have its own branch of the E.I.C. because there were enough engineers here in town to warrant it. All Institute members in the area were sent a questionnaire. From the returns which were very enthusiastic, steps were taken to form the branch.

At an organization meeting Mr. D. J. Brewer was made Chairman and Mr. C. E. Weyman vice

chairman. Close to one hundred engineers made up the local branch along with student members of the Engineering Institute, from the University. Meeting are held once a month.

The charter meeting was an elaborate one. Refreshments, dinner and a dance made for a very pleasant evening.

The ballroom of the Lord Beaverbrook Hotel was decorated by the Engineering Society of U. N.B.

Immediately following the dinner Dr. I. P. McNabb, who was introduced by Dr. E. O. Turner, Dean of Engineering at U.N.B. and regional vice-president of the E.I.C., presented the charter to the local branch.

Out of town guests included Dr. Austin Wright general secretary of the E. I. C. and Mr. A. B. Stirling of Montreal and other prominent Council members.

C. O. T. C. ADMITS EIGHT

Major R. J. Love, commanding officer of the U.N.B. contingent C.O.T.C., has announced the names of eight students who were admitted to the C.O.T.C. after appearing before a selection board a short time ago. They are: G. M. Somerville, Royal Canadian Artillery; I. M. Galbraith, Royal Canadian Signal Corps; V. D. Snowball, Royal Canadian Infantry Corps; L. W. Barwick; Royal Canadian Artillery; R. M. Clarke; Royal Canadian Armoured Corps; H. M. Peacock, Royal Canadian Armoured Corps; W. J. Reddin; Royal Canadian Signal Corps and P. W. Taylor, Royal Canadian Infantry Corps.



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MEETING

VOL. 71, No. 12

S.R

At the final budget the S.C.R. last week, on an 11-9 vote the couple admission be Con.

The motion was much haggling had to how the S. R. C. a \$200 deficit plus rein and non-athletic aw

A recommendation Finance Committee suggestions for cuts, involved the Brunswick and Ladies' Basket

The Brunswickan issue, and cut two sses to six pages.

Foam rubber pad from the hockey skate sharpening the committee's re uncut.

A dead-lock see reached due to the vious M.I.A.U. com ventioned cutting V Various members on the inadvisabil these commitments before the budget cussion.

In order to secure awards previously tion (Drumme to charge admissic was passed.

This charge, cou dollar increase in the Year Book, effect as a \$2.00 i spring levy.

Cups Award Final Present

Following the fin of "An Inspector C night Miss Wilma S William Barwick v with the Cattley a respectively. Prof. C ed the cup he o awarded to the per to have contribute the Drama Society He stated his plea Sansom, who contr behind the scene and organization, the Society, and a laid and as Mrs. B. spector Calls", sho trophy this year. D sented the Bailey given to the mo actor. The play w each night and M wick, who gave a sustained perform Birling, was awar is well known for as Sir Harry in Pound Look', per Dr. Trueman, in hi tioned the importa ma in developing p ors and artistic among all concern no other activity draw interest from the campus as we and expressed the might be able to special in the field come to be thoug cal point of drama vince.

Prof. Allan McA of the Modern La ment introduced D Prof. Cattley.