

Engineering Brunswickan

CANADA'S OLDEST OFFICIAL STUDENT PUBLICATION

VOL. 93 NO. 23

FREDERICTON, N.B., TUESDAY, JANUARY 24, 1961

The Voice of UNB

Charlie Studies "Pest" Engineering Faculty Continues Expansion

by C. B. Carlin

During the past few years many changes have taken place at the University of New Brunswick which have helped meet the demand for higher education. These changes have included the establishment of new buildings and the introduction of new undergraduate courses. This year the University has made available to its students a degree course in Surveying.



photo by Archer Shee

Shown studying last Friday's combination Financial Pest and Brunswickan is former Federal M.P., J. C. Van Horne. Mr. Van Horne was addressing a YPC meeting at the Lord Beaverbrook Hotel, when asked to pose for the Brunswickan photographer.

One of New Brunswick's most colorful politicians J. C. Charles Van Horne addressed a gathering of the York County Young Progressive Conservative Association Friday night. Of the sixty who attended the meeting, about one-third were UNB students of various political leanings.

Mr. Van Horne, who openly opposed his Progressive Conservative associates in the recent provincial election campaign, defended his behavior in his speech. He declared that the P.C.'s literally gave the Liberals the election "On a silver platter", with the \$4.20 Hospital Insurance Premium Tax.

Mr. Van Horne has been quoted in the daily press as declaring he is not in the running for Provincial PC Leader. However, in the question period following his address he qualified his statement by saying that he was not in the running simply because there was no imminent Party Convention. He further declared that if and when such an election were held, he might throw his hat in the ring although he said "I am not interested in losing".

When asked about the forthcoming by-election in Northumberland County to fill the seat vacated by the resignation of Liberal MLA Paul Lordon, Mr. Van Horne said it would be nice if the Progressive Conservatives could capture a Liberal stronghold. He indicated that he might be the man to do it.

Mr. Van Horne's talk was sprinkled with examples of his wry sense of humor and was enjoyed by all who attended.

PANEL DISCUSSION THURSDAY

This Thursday night at 8.00 p.m. in the Tartan Room the Arts Society will sponsor a panel discussion. The panelists will include Dr. Bailey, Dean of Arts, Prof. A. R. Donaldson of the English department and Prof. R. J. Love of the Education department. The programme will be com-

Radio Begins Broadcasting

At 6.15 Sunday, January 22, 1961 UNB Radio began its broadcasting operations officially. The Station was opened with congratulatory messages from Dr. Colin B. Mackay, University President, the University of British Columbia Radio station and commercial stations across Canada. The Station had been test broadcasting intermittently last week.

The opening broadcast was beamed through installations in the Student Centre and in the rooms of Jones House.

The Radio Society has established the first closed circuit University station in Canada, operating through the telephone lines.

Radio UNB will be on the air Tuesday, Friday, Saturday and Sunday from 6-1 pm with music, news and sports, and from 8-9 am Monday to Friday with a wake-up program.

FROM OUR DEAN . . .

Again this year in the Engineering edition of the Brunswickan, it is my pleasure to address a few remarks to the student body. I am grateful to the Engineering Society and the editorial staff of this issue for this opportunity. I have no doubt that the experience gained by those students who, each year, take the responsibility for special issues of the Brunswickan is one which is of considerable value to them.

The year 1960-61 marks not only a return to almost our peak undergraduate enrollment in Engineering but also the largest group of Engineering post-graduates in our history. This year the fourth year courses are being offered for the first time in Chemical Engineering and Surveying.

Since Christmas, Dr. L. W. Shemilt has come to us from the University of British Columbia as Head of the Department of Chemical Engineering. His department is expanding into space in the Memorial Hall, recently vacated by the Physics Department. On behalf of all students and staff of the Faculty I extend to him our warmest welcome to UNB.

The digital computer is continuing to stimulate students and research in all departments of the Faculty and has been instrumental in the production of published papers by several members of the staff.

With the growth of enrollment, the development of new curricula, and the continued increase in laboratory and special purpose equipment, space has become a major problem in this Faculty.



JAMES O. DINEEN

Although we are not holding "Open House" during Engineering Week this year, the Committee in charge of the program has made excellent arrangements for special events during the week to focus attention on the Faculty of Engineering. Your Faculty joins with me in congratulating the students who take the responsibility for this program and extending good wishes for its success.

In conclusion, may I express to all engineering students the appreciation of your Faculty for their continued co-operation in many matters during the past year. We are encouraged by the knowledge that our efforts are appreciated.

J. O. Dineen

19 January '61

Pre-Carnival Special: Queens To Model

Like to do things in a 'formal way? . . . the dress-up date, the candle-light and music dinner?

Not too many opportunities for these 'formal' opportunities in the college year, are there? The fall formal, the birthday date . . . the Conversation . . . the graduation . . . That about does it.

The special Winter Carnival dinner-fashion show at the Lord Beaverbrook Hotel this Saturday featuring the Winter Carnival Queens as models accomplishes all of the afore-mentioned . . . For atmosphere there's just the novelty of semi-formal eating out in the beautiful Empire Room . . . the music of Ralph Campbell at the console, the special pink and silver Winter Carnival decorations.

That should satisfy the boys who have been waiting for some very special way to treat that very special girl.

And then, for the girls, there is the added novelty of getting first-time preview of the new spring fashions from Curll's Ladies' Wear, modelled by the seven lovely Winter Carnival Queens. There'll be the first showing of the latest cocktail dresses, summer dresses, coats and sportswear. Commentary will be by Mary Barker, women's editor of The Daily Gleaner, a former London fashion editor of Vogue magazine.

There'll be a couple of other features. The co-ed chorus from the Red 'n' Black will be back to echo 'Take Back Your Mink'. Then, there are the outstanding party favours and guest prize.

This is it then . . . formal atmosphere, winter carnival spirit . . . The special dinner-fashion show in the Empire Room of the Lord Beaverbrook Hotel, Saturday, Jan. 28, 7.30 p.m.

Reservations for this very special date should be made now at the desk at the Lord Beaverbrook Hotel. Dial 5-3371.

This course has arisen from the fact that the Surveying Profession has been unable to obtain a sufficient number of adequately trained surveyors. Those interested in the surveying profession in Canada have come to realize that an advanced form of surveying education is necessary for its personnel. New techniques and new instruments require that new standards be set for today's surveyor.

The Surveying Engineering Course has been designed to give a basic knowledge and advanced training in problems relating to the surveying profession. It deals with Geodetic, Topographic and Aerial Surveying. Photogrammetry and its application to surveying is one of the main courses.

The University has obtained a number of photogrammetric instruments which are of the latest design. The University has had the co-operation of the Federal and Provincial governments and through them it has been able to increase the value of the Course to the student. Guest lecturers have presented survey topics to the student. Many precision instruments have been loaned to the university for student instruction.

The Surveying Engineering Course is open to students who have completed the first three years in either Civil Engineering or Forestry. At present there are six students registered in the Course.

The Provincial Government, Federal Government and many private companies have shown an interest in the establishment of a degree course in surveying. Graduates of this Course will find employment in these agencies that embrace a number of the branches of surveying. Employment opportunity also exists with those firms dealing in exploration, both on the earth and in outer space. An accurate survey is required in many of the large construction projects of today.

The University has been very fortunate in obtaining Dr. Konecny as head of the Surveying Course. He is always willing to speak to any one wanting information about the Course.

Surveying is an old science but it is at present making rapid advancement in this country with the aid of modern electronic inventions. Surveying Engineering offers a broad and challenging field to the individual. Those accepting this challenge will find it a rewarding vocation.

Brunswickan

Honorary Editor: Rt. Hon. Lord Beaverbrook



Established in 1867, The Brunswickan is published Tuesdays and Fridays by and for the students of the University of New Brunswick at Fredericton, N.B. Opinions expressed are not necessarily those of the Students' Representative Council. Subscriptions are available to non-students at \$3.50 a year. Single copies 10 cents. Authorized as second class matter, Post Office Department, Ottawa. Member Canadian University Press

OFFICE: Memorial Student Centre

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(Engineering Society: A Must)

Ever since the Engineer came into being, he has been respected for his initiative, ambition and knowledge. With a few exceptions, Engineers, on the whole, live up to expectations. However, in the past few years, emphasis has shifted from "ability to perform" to "ability to explain, advise and associate with other Engineers" as well as to perform. The reason behind this is found in organizational methods which show that more can be accomplished when undertaken as a group rather than on an individual basis. Popular examples can be taken from large industrial enterprises who invariably employ groups of Engineers rather than the individual himself. Somewhere in this maze of groups, the Student Engineer justifiably claims his place. In order to be prepared to make the jump from college habits to industrial employment, the Engineering Society of the University of New Brunswick provides the Student Engineer with the opportunity of trying his hand at organizational methods.

Just recently, an invitation was extended to us, members of the Engineering Society, by the Engineering Institute of Canada to attend their meetings. The facilities available through the EIC are numerous and almost vital to success in Engineering. Therefore, it would be a mistake to pass up this opportunity of the EIC.

For those Engineers who are not already members of the Engineering Society, a membership drive will take place during Engineering Week directed particularly at Freshmen who, unfortunately, rarely enter the Engineering building. We hope, in the future, to encourage all Engineers to partake in all activities sponsored by the Society.

Those who participated in the organizing of Engineering Week hope that you, the Engineer, will get some enjoyment from the various activities and will not hesitate to join us in future undertakings. Many thanks are extended to all who helped make Engineering Week possible.

News for youse

"Sign at the entrance of the nudist colony—
 Please bare with us."

See ya at

The ROYAL STORES Ltd.

"Fredericton's Friendly Men's Shop"

"Polo Pyjamas" for the rest of your life.

A Note From Your President . . .

The idea of allotting one week each year to the various faculties on campus for the purpose of bringing to the fore some of the characteristics and activities of that particular faculty has, in recent years, gained widespread support. Each branch of study at a university has its own particular flavour, and as engineers, we are attempting through the media of publicity and social activities to spread some of the flavour that we consider representative of engineering and engineering students generally. To all those whose labours and acute planning made this, "Engineering Week, 1961" possible, I should like to extend, on behalf of the Engineering Society, my heartiest appreciation.

William Sutherland

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Engineering Week Highlights . . .

Tonight:

A film will be shown commencing at 8 pm in the auditorium of Carleton Hall. The film will be one of general interest to Engineers.

Wednesday Night:

The annual "grudge" game gets underway as the Foresters meet the Engineers. The game starts at 7:30 in the Lady Beaverbrook Rink.

Thursday Night:

Mr. Brett, President of Brett, Oellet and Blauer and Associates, delivers a talk in the Auditorium of Carleton Hall beginning at 8 pm (New Arts Building).

Friday Night:

Engineering Week is brought to a close, Friday night, with the Engineers' Formal. This year, under the direction of Jean McCutcheon, the dance will be held as usual at the Beaverbrook Hotel commencing at 9:30 pm. Music will be provided by Jimmy Foster and his orchestra.

The setting for the dance is King Neptune's Den, the deep blue sea. Norm Crutchfield, in charge of decorations, has guaranteed that scenes will be so realistic as to require lifeguards.

For those who have not had the opportunity of attending a previous Engineering Formal, dress is a suit and tie of course, corsets are not necessarily required and a soft-drink bar with ice cubes, will be provided at the Hotel.

SPECIAL PRIZE: A drawing will take place Wednesday afternoon from all tickets to the Formal purchased to date. The winner will be given his ticket free, free transportation to and from the dance and a dinner for two at the Beaverbrook Hotel.

Speaking of tickets, they are available at the Engineering Bookstore and are priced at \$2.00 each.

See you there!

WINTER CARNIVAL - FEB. 2, 3, 4, 5

Your entrance into the world of work



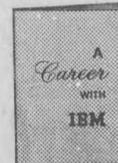
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—Are Engineers People?—

☆ ☆ ☆
(Adapted From
THE KIWANIS MAGAZINE)
(February 1960)

We are living today in the age of supersonic planes, intercontinental missiles, subpolar atomic submarines, beep-beeping satellites, and fearful hydrogen bombs. All of these things have brought to the public's attention that inscrutable group of individuals known as engineers—a group that I am, for better or worse, a member of. To some they seem like superhuman miracle men, while to others they appear more like subhuman automatons.

This latter view is probably most often held by those who are closely associated with them in their work. A few years back, for example, there was a cartoon being circulated through many of the engineering departments of the country. It showed a hairy hulk, something between a Neanderthal man and an ape, writing involved equations on the wall of a prehistoric cave while nearby lay a crude slide rule made of bones. The caption of the cartoon said, "Engineers Are People!" One morning we came to work to find this cartoon posted on the bulletin board with the added comment, "How can you be sure?" This seems to be the prevailing opinion of many people toward engineers.

At meetings and social gatherings, for example, I often find my friends and acquaintances making good-natured but barbed references to the idiosyncrasies of engineers. Once at a business luncheon, after several such remarks, I confronted the men with a direct question.

"All right, let's lay it on the table. What do you fellows think is wrong with the typical engineer?"

At first there was a startled silence. Some of them later admitted that they had not believed that an engineer could really be interested in their views. Finally convinced that I was serious, they began a recital of stored-up grievances.

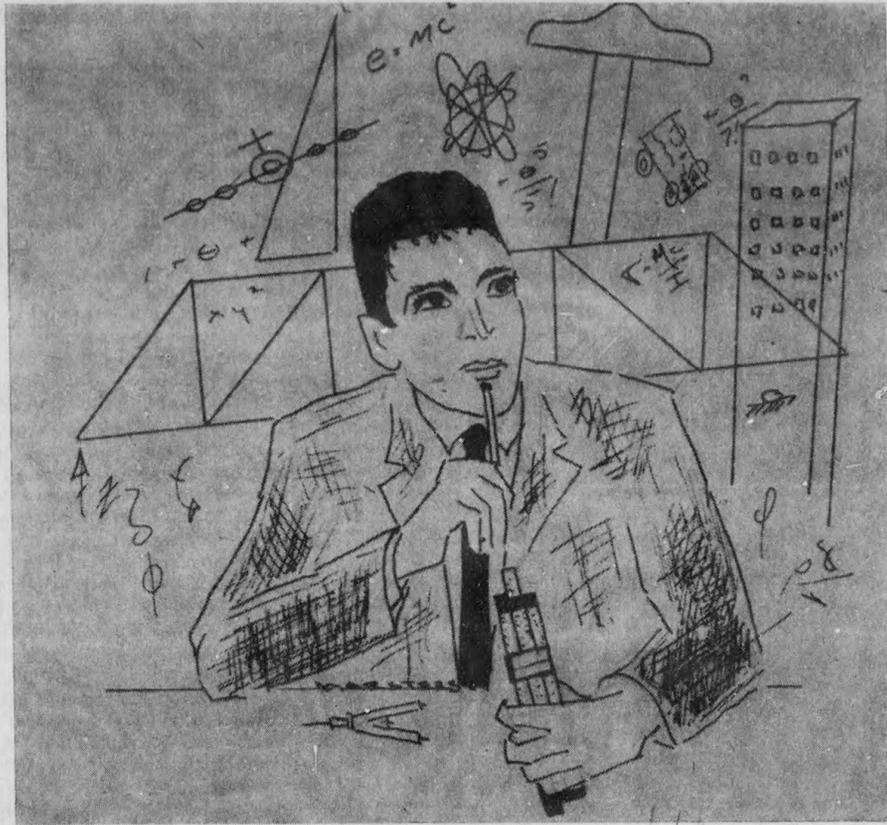
"To begin with," said the owner of a successful sporting goods store, "they won't concede that the other fellow knows anything, even about his own work. The average engineer comes into my place and right away starts talking about what an easy racket I've got. He complains about the high markup on hunting equipment, and then when I try to explain my large inventory and slow turnover problems he acts like I was trying to cover up with a snow job. If it's such a good racket, why did three out of four new sporting goods businesses go under last year? To top it off he's apt to say that someday he might start a little place like mine, as though any fool could run a sporting goods store!"

An attorney had a different complaint. "They don't have any concept of the realities of life, especially in regard to legal matters. Last week one came to me who had contracted to buy two houses. After signing for one, he changed his mind and signed for another with a different real estate agent. He wanted me to help him get his earnest money back for the first house. When I said it wasn't possible and that the purpose of earnest money was to protect the seller in such cases, he insinuated that I couldn't be much of a lawyer. After he also found out I couldn't break the lease on his apartment, he said that he didn't see why he should pay me since I had not done anything about the mess he got himself into!"

"That's typical of them," agreed the local banker. "They have no business sense whatever, yet they think anyone can make money if he is willing to be dishonest. Lord knows there are enough shady businessmen around, but they don't make money just because they are crooked."

"Of course not," said the attorney. "Much of my work comes from bankruptcy proceedings against such disreputable people. Despite what your engineer thinks, the law is based on sound moral principles, and it's not easy to circumvent it. An unethical man can still make money only if he knows his business."

One of the main points made by all members of the group was that engineers are very inept in their dealings with others. They seem to know and be interested in little but their own work. In general, they felt that the members of this profession were totally lacking in social graces and



even exhibited a pugnacious antagonism toward the niceties of social convention.

As a result of this discussion, I began to take a more critical look at my associates. Since then I have discussed this problem with psychologists, other engineers, their wives, their friends (they do have some), and with the general public. Reluctantly, I am forced to admit that there is a serious doubt as to whether engineers as a whole are participating members of society. What I had formerly considered to be individual idiosyncrasies now seem to me to be somewhat typical of the group.

A psychologist provided the best clue to this anomaly. He explained that people can be divided into three main categories, which he called the *toward*, *against*, and *away from people* types. The *toward people* type are, in general, easy to get along with, emotionally warm, and interested in others. They tend to become social workers, receptionists, salesmen, etc. The *against people* type are aggressive, exaggeratedly independent, and inclined to be ruthless and cynical, although these traits are sometimes camouflaged under a surface geniality. Power and prestige are their touchstones, whether they be self-made business men, doctors or what have you. The *away from people* type avoid emotional involvement, tend toward compulsive perfectionism, and are, in general, introverts. It is to this last group that most engineers, many accountants, and some artists belong. They are people who prefer to work with things. A pretty secretary who had been trying unsuccessfully to attract a handsome bachelor in my department once remarked, "Engineers are things who work like people." As the psychologist emphasized, there are, of course, many exceptions to the above classifications, but in general they are valid.

This "away from people" tendency of the engineers is accentuated by their inability to communicate with others about their trade. In most professions it is possible to discuss almost any aspect of the work with a reasonably intelligent listener, but this cannot be done in engineering, which is built upon an interlaced network of mathematical and technical knowledge. Thus the engineer is likely to have the impression that other tasks are not only less difficult than his own but perhaps even unessential. The reluctance of the engineer to become emotionally involved with others also helps to explain his condescension toward their abilities. Since he avoids situations where his associates might tell him their problems, he remains unaware

of them. He is apt to feel that he could do almost any job better than it is being done if only he cared to be bothered with such inconsequential things. Any hotel clerk, purchasing agent, or company salesman will testify to this, and many an engineer's wife has had to listen to the complaint that her household could be run much more efficiently if only she would "apply a few engineering principles."

A purchasing agent had this to say on the subject: "Your average engineer seems to feel that I am part of a conspiracy to prevent him from getting the thousand-dollar klystron he needs to complete his experimental circuit. His attitude seems to be, 'Of course I didn't order it yesterday because I didn't need it until today.' I don't think he budgets or shops for the things he buys, and he can't understand why the company must do so."

The engineers' answer to this accusation would be that since the purchasing department does not know what it is ordering anyway, how does it expect to shop for it intelligently? To prove their point they have been known to turn in a purchase requisition for "A polychrome reflecting, piscatorial airflow stabilized, self-locomoting personnel and equipment transporting device with automatic canvas solar protector. To be temperature stability controlled between 65 and 80 degrees Fahrenheit, with non-transmitting electron communication equipment, and direction control indicators both external and panel light." This requisition was accompanied by several pages of very logical justification as to its need and uses. It was permitted to go through the usual channels right up to the point of sending the requests for quotes. It was then pointed out that a careful reading of the requisition would reveal that the company was on the verge of ordering a white, fish-tailed Cadillac with heater, air conditioning, radio, and turn signals. Since now it was surely obvious that the other departments did not understand what they were ordering, the engineers suggested that they would appreciate it if their purchase requisitions were no longer questioned by incompetent paper shufflers. This incident is typical of their lack of appreciation of the human equation, because, of course, the resentful clerks intensified their minute scrutiny of all requests if only to prevent a repetition of such an embarrassing farce.

The engineer resents organizations in general, but paradoxically, when in a position to do so, he sometimes devises an elaborate organization of his own that ignores this same hu-

man element. The almost mathematical procedures he contrives would work perfectly if the people who have to carry them out were paragon. He is continuously mystified when his elaborate plans fall due to the fallibility of mortal man. Repeatedly I have heard my associates say, "Now, let's leave personalities out of this," when often the personalities involved were at the very core of the problem under discussion. This inability to relate emotionally and socially with others is probably the underlying cause of most of the engineer's shortcomings.

The picture is not all one-sided, however. Like all men, the engineer has his virtues, some of which stem from this same personality trait. He tends, for example, to base his decisions more on reason and less on emotional consideration than does the average person. Thus he judges his co-workers largely on merit. An incompetent specialist with a Ph.D. is looked on with a condescension bordering on pity while a high school graduate who is a highly skilled technician is treated as an equal. The more competent the engineer, the more likely is this to be true and also the less apt he is to be concerned about his own title or formal position.

Although there are exceptions, engineers as a rule treat pretension and show like the plague. Once after a farewell party for a colleague who was transferring to another plant, I found the innkeeper shaking his head in wonder.

"These are the darndest people I ever saw," he said with obvious amazement.

"I can't help agreeing with you, but exactly how do you mean?" I asked laughingly.

"Well, first look where they are sitting! I set a head table for fifteen, and there are only five people using it, including the guest of honor. All the rest are at the two side tables as far away as they can get. If this were a group of businessmen or salesmen, I would probably have had to add some more place settings for the guys who wanted to show that they belonged with the wheels."

"Perhaps they are afraid of being criticized for crowding in where they don't belong," I suggested.

"You must be right but it's still darn unusual. For another thing take the speeches! Only that fellow who presented the gift gave a talk, and he obviously didn't like it much. Most outfits would have had everybody from the plant manager down to the janitor giving a eulogy, and in that order, too. I can't even tell which one of those five guys is the boss!"

☆ ☆ ☆
When I pointed out that actually the department manager was sitting at the far end of one of the side tables, the innkeeper was more mystified than ever. "Don't these guys worry about what people will think?" he asked.

The answer is that they seldom do. The really competent engineer has somewhat the same feeling of pride and security as the oldtime skilled craftsman. He is confident that he is in demand because of what he knows and what he can do, and not because of whom he knows or whom he can influence.

An example of this was related to me by a colleague from a western electronics plant. A man named Dillard worked with a group of six or seven engineers. Though one of the least productive of the group, he had aspirations toward being their supervisor. Overly concerned with appearances, he felt it would enhance his prestige if their single telephone were on his desk. The other men had no objection, but the phone cord was about eighteen inches too short to reach his desk. Knowing the ridicule he would receive if he asked the man at the desk in front of him to change places, Dillard devised a plan. Each evening he surreptitiously moved each desk in the row forward about two inches. He was well on the way to his goal when another member of the group, an oldtimer who had been in engineering for many years, became suspicious. As a result, he inconspicuously marked the position of his desk. Sure enough, the next morning it had been moved forward two inches. It is typical of the engineer's sense of humor that, instead of moving the other desks back, the oldtimer went to the junction box and each day shortened the cord by an equivalent amount. Dillard was now fighting a hopeless battle, so near to his cherished goal, which always remained just beyond reach. When he finally tumbled to the trick, he was so humiliated that he soon asked to be transferred to another section.

This talent for complicated practical jokes was recently demonstrated in my own lab. Harry, one of our most conscientious men, had been working for nearly a year to develop an involved missile guidance system. His setup included an array of power supplies, signal generators, and other test equipment with a multitude of switches. He had advanced to the stage of incorporating the last critical circuit and was ready for testing it. In the meantime his less industrious fellows had been busy on a smoke and spark generator. Harry went through the involved procedure of switching on all the various pieces of equipment. Just as he threw the last switch, smoke belched from the cabinet and sparks crackled ominously. Poor Harry rushed up and down the bench in panic, throwing switches like a madman in an attempt to save his precious circuit, while his unfeeling associates held their sides from laughter.

On the whole the engineer has a surprisingly good sense of humor that is by no means limited to such complicated practical jokes. However, rather than being of the ebullient or life-of-the-party type, it is more usually directed toward timely witticisms. Many a pretentious company man has had his meeting broken up and his aplomb shattered by one of these salient thrusts from an engineer who felt that his credulity was being strained. For example, one of our products had not been released to a manufacturer by the design group because of serious bugs that still had to be located. An official, who for reasons of personal prestige and company politics had a selfish interest in an early marketing of the item, called the men together. After a scating lecture on the finickiness of engineers who always want to "design the pieces out of everything", he ended by saying, "Nothing is ever absolutely perfect. If there is something slightly wrong or if it can be slightly improved you guys are always so concerned about it. Now I want this job released because I am slightly tired of waiting! Is that clear?"

"Just one thing, sir," said a young engineer respectfully. "How can you help but be concerned if you eat a slightly rotten egg?"

The engineer's approach is so di-

(Continued on Page 4)

the spotlight . . .
 . . . with terry o'neil



MISS ENGINEERING, CAROLYN BREMNER

This was perhaps the most rushed interview to date. At 9 o'clock Thursday evening, I was told that it would be nice if I interviewed Carolyn for the *Brunswickan*. Well the interview was arranged for 10 o'clock and I headed for a little white house in the Sunshine Gardens.

I was greeted by the cute and kittenish Carolyn Bremner. Carolyn is the 5' 5" blond, hazel-eyed Engineering Queen of whom the Engineers are so boastfully proud.

Carolyn was born in St. Stephen, N.B., but then moved to glorious Ontario. In 1950 she came to Fredericton and attended grade and high school here. It was predetermined that Carolyn should come to UNB as it has been her dream. Just as a point of interest, beauty queens run in the family—her sister Loree was a former Carnival Queen.

I discovered that Carolyn is having the time of her life and enjoying herself to the utmost. Carolyn thinks that there should be a larger female representation at the University, however she has no complaints about the present boy-girl ratio. Carolyn, although refusing to make any comment on her weekend activities, assured me that she is enjoying the campus social life.

From here on the interview was rather disjointed. First some boys called her about homework and then her Carnival escort called. Finally after the confusion subsided Carolyn managed to blurt out her choice of sports and music. Hockey and basketball seem to occupy the limelight as spectator sports, while skating and skiing (seems an Engineer has been giving her private lessons) are her favorite sports pastimes. The music choice is confined to semi-popular with a strong leaning towards instrumentals.

Asking her about the Winter Carnival, Carolyn feels that the Limelites will be a greater success than the Brothers 4. Well, it was approaching the witching-hour, so I stole softly from her home back to the Brunswickan Office to burn the midnight oil.

Engineers Make Stand An Engineer Speaks Out!

During the past term, the BRUNSWICKAN received a good deal of criticism which was published in the form of 'letters to the Editor', and there was probably a good deal more that didn't get published. If I recall correctly, few of these criticisms were constructive. I should like to make a suggestion.

Instead of relying on staff writers and columnists, if I may use these terms, to supply him with material with which to fill four or six pages to make good "fish wrapping" paper, why not start something new? Terry O'Neill has the idea. I'd like to see it carried one step farther. Instead of, or in addition to, the original plan for this column, why not try this:

Take a subject of Campus, Local, National or International interest, and find out what students think of it.

For example, an article in the local press last term stated that UNB was thinking of giving Mr. Khrushchev an honorary degree. I don't recall reading anything about this in the BRUNSWICKAN. Do you think we should? Why don't you send someone out on the Campus to find out. Not in the Student Centre, for there are some of us who seldom get that far South, but around the Campus. And don't ask just the BMOC (Big Men On Campus, stupid!). Some of the "little men"—and women, have opinions too.

In the present "cold war", anything that might increase International understanding is worth an effort. Surely with some thought and effort it would promote better understanding at least between the USSR and UNB. It might lead to a student exchange program such as is being carried out in many other parts of the world. After all, this is an institution of learning, not a political gallery. Just think, if Niki got a PhD from UNB, then John (either one) could write him a letter beginning "Dear Fellow Alumnus . . ." and they would be friends forever. UNB would then be credited with bringing World Peace and become famous. Then Colin B. would have a real problem building buildings fast enough.

Here's another one . . . Do you know that the Administration is throwing away several thousand dollars of the students' money every year on a Hospital Insurance plan that is duplicated by every Provincial plan in Canada and is therefore useless to all but for foreign students; And doesn't seem to be an awful lot of good there, either—re Frank Ng).

Now to drop the Plan as it stands would leave the foreign students without Hospital Insurance, which I feel should not be done, but surely the Administration should be a little more realistic and purchase a plan that will be of benefit to all students, if we are all being charged for it.

The present continuing complaint seems to be Student Parking. Why don't you ask the Administration what is being done about it and REPORT to the student body through the BRUNSWICKAN.

Well, Mr. Editor, why don't you pry into the minds of some of the "blobs" on the campus and find out what they are thinking of and tell us, if it's not too embarrassing. Get the IDEA?

R. Ian Barton
 MEA

— ARE ENGINEERS PEOPLE? —

(Continued from page 3)

rect and forthright that it was the subject of comment by one of our non-technical administrators who had formerly been with an investment company.

"I've gotten out of the habit of protecting my back," he said in mock alarm. "Around here everyone is so straightforward that they wouldn't think of knifing you. I'd be afraid to return to my old job, I'm so out of practice!"

Of course I have known engineers who were as convincing as any Madison Avenue man, just as I have known others who were warmhearted, socially adept, and vitally in-

terested in people. A few I have met have even been superb business men.

The main point is that in spite of their general tendencies, they are all individuals.

So, regardless of whether you feel as one corporation official who said that any worthwhile engineer manages to rise above his profession, or agree with others who think they will be the salvation of the world, the next time you meet an engineer withhold judgment until you get to know him. He just might turn out to be a prince of a fellow. You never can tell — it might even turn out to be me.

Montreal Gazette—The wets made their boldest stand to date yesterday in a lively, almost embarrassingly frank hearing of the commission studying New Brunswick's liquor laws. Ten briefs were presented, seven favoring relaxing of stringent liquor laws.

Many wet spokesmen admitted having violated the Intoxicating Liquor Act in a variety of ways and described bootlegger's operations in graphic detail.

Among other things, they suggested Government liquor stores be kept open until midnight, grocery stores be permitted to sell beer and wine, and licenses without fees be granted to social clubs. The present liquor act was described at various times as "a farce", "ridiculous", "assinine", "unpopular".

The dries came up with some unusual proposals of their own; that liquor store clerks be instructed to hand out temperance pamphlets to customers, that separate facilities be required for drinkers and non-drinkers aboard lounge cars in trains and that individual areas be permitted to vote to stay dry if broader liquor laws are passed.

The purpose of the latter would be to provide "temptation-free havens" where reformed alcoholics could take refuge.

The commission is the result of legislative action in keeping with an election promise of Premier Robichaud last June. Chairman is Mr. G. F. G. Bridges of the New Brunswick Supreme Court.

Definitions for Dumb Artsmen

Arctic front—An attitude assumed by an unco-operative co-ed.

Brazier—A garment used to minimize the effects of flutter and vibration.

Hand forging—An illegal form of penmanship.

Hydrogen—An alcoholic beverage composed of water and gin.

Ohmmeter—One who eats ohms. (Ohms cooking, Ohm made jam, etc.).

Resisting Moment—A short moment during which an arctic front exists. (Usually occurs prior to mutual inductance).

Skin Drag—Dance done at a nudist colony.

Adapted from *The Varsity*

Co-eds! Why Wait till Spring . . . ?



E. I. C.

Not To Be Overlooked

The Engineering Society has recently received an invitation from the Engineering Institute of Canada to attend the regular meeting of the Fredericton Branch to hear speakers, etc.

These meetings are held monthly, usually on a Monday night beginning at 8 pm. Notice of these meetings will be posted.

The Institute has recently secured Mr. John Brett to deliver a talk on "Some Unusual Engineering Problems During Design and Construction of Place Ville Marie". Mr. Brett is president of Brett, Ouellet, Blauer & Assoc., Consulting Engineers presently engaged at the Place Ville Marie Project in Montreal.

The talk will be given in Room 106 in Carleton Hall on Thursday at 8 pm. Seating capacity is limited to 150.

R.G.

LOOKIT!

WINTER CARNIVAL,

FEB. 2, 3, 4, 5

GREENE'S TV-Radio Service

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Radio UNB: On The Air . . .

The November 1959 SRC meeting did not seem particularly memorable. Nothing of lasting value seemed to have happened. Only the normal SRC Business had occurred, nothing except that Barry Yoell had been authorized to go to Toronto to attend the first meeting of the Canadian Amateur University Broadcasters. Little did that meeting realize that this trip would make a Radio Society possible in less than two years, and that this Society would be one of the most active on campus and be ready to start broadcasting.

The Conference at Toronto was a flop, the CBC squashed all plans that had been made to form a cross-Canada University CBC program; but with the SRC pressing, Mr. Yoell formed a Radio Society and wrote letters to various Canadian Electrical manufacturers asking assistance in setting up a radio station.

Summer came and went. In the fall of the year the SRC returned to find its offices crowded with crates and boxes. It turned out that Radio UNB had become the owners of a tape-recorder, a microphone, console, amplifier, two power supplies, jack panel and fuse panel. All this and nowhere to put it! Major Canadian industries had reacted to fill the needs of the Society but at that time the University had not. There were 14 "Radio waifs" on campus; 14 frustrated broadcasters without a home.

In the beginning the Society was thinking in terms of broadcasting over the air, to the Fredericton area generally. The Board of Broadcast Governors and the Department of Transport soon put us straight on these lines. They made it abundantly clear that it was financially and legally impossible for us to broadcast in this manner. At this news the Society hit its low spot. Membership fell to 8 and at one time it seemed as if all roads were blocked and the Society was doomed to extinction. It seemed impossible to continue; broadcasting in the true sense was impossible. Only closed circuit remained open and thus the Society worked toward this end. A tape was sent to UBC before the Christmas vacation, explaining their difficulties and asking advice.

A Special BRUNSWICKAN FEATURE For ENGINEERING WEEK

With the answer came new hope and new life to Radio UNB. With their sights firmly planted on a closed-circuit system a constitution was sent to the SRC on January 20th. It was accepted in its entirety. They were rolling!

On January 27th the SRC passed the requested budget of \$1000 and February 8th the Senate gave their formal approval and offered their assistance by building the shell for the studio and office in the basement of Mem Hall.



photo by ELLIOTT

"ON THE AIR"

On January 23rd the Society made its first public appearance three days after being officially constituted and four days before the budget grant. This first appearance took the form of providing music for one of the regular, SRC-sponsored Saturday evening dances. A closed-circuit network was used similar to that proposed for the Residences. Their first success was made. With this dance and the publicity that seemed to have come with it membership once again increased. This was more than welcome. The Society hoped to assist the Winter Carnival in their

promotional drive and indeed Winter Carnival programs were piped into the Student Centre from February 2-5 during lunch hours. The Society also helped the Winter Carnival Committee to prepare a half-hour TV program for CHSJ-TV.

From this point onward Radio UNB has never looked back. They were accepted. They had been mentioned on CFNB, in the Gleaner, the Atlantic Advocate, on CHSJ-TV, CKGM, Radio UBC, the U of Maine Radio and last but not least the Brunswickian.

With the approval of the SRC they could now set up a University Radio station and the centre of controversy shifted from principle to programming. Art Van Wart conducted a poll of Resident's opinion on this subject, and discovered the tastes of the potential audience. His reported principles will be used extensively in broadcasting.

Since that time one residence (Jones House) and the Student Centre have been wired to receive the programs, and the studios have been sound proofed and equipped. Much more technical equipment has been donated by various Canadian firms; Mr. Smith, an Alumnus of UNB, and an official of Canadian GE sent 55 speakers and 2 amplifiers. IBM gave a studio clock. CFNB gave 2 studio turntables and the Biology Club gave a mascot alligator.

Membership and enthusiasm grew and grew. At present there are more than 40 active members working with about \$4500 worth of equipment, half of which has been donated by Canadian industries and the remainder obtained through the SRC budget.

This very-brief history of the Society can hardly be completed without mentioning some of the major boons that have been pulled. Like the time Mayor Walker was presenting a trophy at the Rod 'N' Gun Club dance and could hardly hear himself think over the amplifier hum of the radio speakers; and the many times that the Society found out that it was providing music for a dance only by reading the advertising for that dance a few short hours before its beginning. However, all the goofs, all the hours of sweating have now been made worthwhile, the Society now broadcasts, and as such has accomplished the beginnings of its primary aims.

"What of the future?" They are often asked. To this there seems to be two main replies . . . "Expand" and . . . "then go over the air". The first of these ambitions they hope to realize in the near future. All Residences on campus should have speakers in all rooms by next year, and as new residences are built new speakers should automatically be installed in them. The second ambition is more of a long-term hope. Dr. C. B. Mackay in his speech opening the Radio broadcasting said that there is a distinct possibility that FM Radio at the University level could become possible in Canada in the years to come. If this were to happen, then . . . the sky's the limit . . .



photo by ELLIOTT

Seen here in the Radio UNB broadcasting studio are, left to right, Director, Barry Yoell, Program Manager, Roger Dupuis, and Technical Manager, Bill Stanley.

THE COLUMN

by
Ed
BELL

Now that all those New Year's Resolutions are thoroughly broken, it's time to start counting the days of this year . . . especially since there are exactly 86 days between now and final examinations. This is bound to be a confusing year . . . it's the last one for two centuries or more that is the same year whether you look at it right-side-up or up-side-down . . . so you can read part of your calendar this year up-side-down.

At the Canadian University Press conference held in London, Ontario over the holidays, mention of WUSC brought about a re-appraisal of the actions and attitudes of last year's columnist, Dave Fairbairn. Barbara Thomas, a member of the National Executive of WUSC, confided that great interest had been raised by the referendum at UNB and that all the branches had learned to exhibit to the student bodies (groups) that they were useful and that they justified any funds which were granted them. So perhaps *Hotbed* did WUSC a service by jolting some of the members out of a state of complacency.

In addressing the plenary (full assembly) meeting of CUP, Miss Thomas discussed the WUSC Seminar to be held this year in Sweden (to which UNB will send one delegate). While stressing the positive value of such seminars, Miss Thomas made the point that we are not always sending our best people as delegates. The delegate himself must pay \$300 or more, but Miss Thomas stressed the point that this must be added to the earnings they would have made if they had not gone. She said that WUSC needs subsidies to send our most capable students, since at the present . . . "Those go who can afford it . . . not always those who ought to . . ." Later, Miss Thomas said that UNB was fortunate in the fact that the university does subsidize the student delegate in part by cancelling his tuition fees for the following academic year.

On the lighter note, informal discussion at London about a unique organization at Sir George Williams University resulted in much mirth. The students there have founded a new Church, the Callithumpian Church. The object is to absorb all other denominations into the Callithumpian Church . . . and then disband. The "Articles" of the "Faith" are an obvious satire on one of the "established" churches. Each year the members of the Callithumpian Church elect a "Pope" and three "Vice-Popes". Since the eventual aim of the "Faith" is to disband all churches, they have concluded that their God cannot be eternal. Therefore, at each weekly meeting of the "Church" on Sunday afternoons in the YMCA, a new God is elected. It is an edict of the "Faith" that no person can be God twice. Since "God" is elected for such a short term, he is considered fallible; however, the Popes are considered infallible and wear purple robes as a badge of office.

ODDS 'N' ENDS

—Overheard . . . "Children should be obscene and not heard."

—There has been so much comment about the "Upper-Canadian controversy" that the Column wishes to bring the topic out in the open. Myself and a learned Nord-Shore scholar challenge any two persons to take the affirmative of the following resolution in a public debate . . . we particularly challenge Messrs. Paton and Clark, who gave their distasteful views in letters to the editor of this paper . . . RESOLVED THAT THE ECONOMIC AND CULTURAL ADVANTAGES OF CENTRAL CANADA DO NOT JUSTIFY THE ATTITUDE TAKEN BY ITS CITIZENS AT UNB.



photo by ELLIOTT

Basil Ross (left) and George Tapley inspect the Radio Society's A-M Tuner.

WINTER CARNIVAL - FEB. 2, 3, 4, 5

GREAT TEAMS—GREAT SPIRIT

VIEWS IN SPORTS

by DOUG MCKINLEY

Last Saturday afternoon the UNB Red Raiders won a close and very exciting game against Ricker College, a victory which they well deserved. They played their hearts out, not only for themselves but for UNB and the fans — the fans who packed the Gym and cheered until they were hoarse, the fans who showed the best exhibition of school spirit in the Maritimes. But don't pat yourselves on the back yet fans, the Raiders play Husson College to-morrow night. This is a very important game seeing that UNB has never beaten this team, but they intend to start — with your support of course.

The presence of the Saints of Dixie-Land again added color as did (I hope) the half-time basketball game between the 'Nite-caps' and the UNB Stooges which which was won by the girls, 2-0.

The same day in Charlotte-town the UNB Red Devils trounced the St. Dunstan's squad 13-2, although according to the players the play was not as one-sided as it sounds. The Devils were playing as a team and there should be no stopping them now. Look out Mt. A. V. C. it's game over.

* * *

Sport Slants:

"Mousie" McLennan should take more shots during the J.V. games — Don Morgan and Ed Browne were top scorers for the Raiders with 13 points each, followed by Fran McHugh with 11 points — Norm Bolitho and Bill McGillivray are our newest celebrities; they made the current edition of Sports Illustrated . . . Jim Ross has had to withdraw from the Guelph wrestling trip due to an aggravated shoulder injury . . . "Bomber" Andrea is a stock-holder in Red and White . . . Cloutier was picked player of the game by the players.

Goodwill Ambassadors

The Red Devils are the gentlemen of UNB, maybe not to some of you here on campus but to the people, players and coaches involved in the R.P.I. Tournament the UNB hockey players were really gentlemen, in the true sense of the word. The following is a letter received after the Devils returned from their trip.

Dunster B-32
Harvard College
Cambridge 38, Mass.
January 3, 1961.

Dear Fellows:

Just a short note to say that I sincerely appreciated meeting you all and that I was quite proud of the representatives of Canada from UNB at Troy.

I know that our coach, Mr. Weiland, felt that you were all a very genuine group of fellows and that you certainly showed yourselves as gentlemen throughout the three days of the Tournament, and I would only like to add my admiration to his.

With best wishes for a successful and rewarding hockey season in 1961.

Your Fellow Canadian and Friend

Dave Johnston



Back Row, Left to Right—Ted Wiseman, Roy Miller, Don Morgan, Don Nelson (coach), Clary Lay, Ken Harvey, Ted Tohclak.

Front Row, Left to Right—Mort Harder (manager), Ed Browne, Guy Collin, Fran McHugh, Bob Baber, Walt Beevor (Manager).

RAIDERS WIN AGAIN

by DAVE HYNDMAN

Once again the Lady Beaverbrook Gym was the scene of a well-fought basketball game between two major teams of the Northeastern Conference, as the UNB "Red Raiders" and the "Ricker Bulldogs" displayed their talents before 900 spirited "Red Raiders" supporters.

After handing St. Dunstan's University of Charlottetown a 78-42 defeat in their first game of the new season the "Red Raiders" hit the floor Saturday to entertain and defeat the Ricker Bulldogs of Maine 60-57 behind the sharp shooting defence of the team as a whole.

Coach Don Nelson, after a week of preparing the "Raiders" for Ricker's one-three-one defence and strong running offence came out with the game after the "Raiders" held off a strong second half finish by the "Bulldogs". In commenting after the game coach Nelson contributed the victory to the strong defence the "Raiders" threw at the Ricker club and the fine spirit shown by the fans and players combined.

The Raiders got off to a fast start scoring seven points before Ricker could hit the scoreboard and held on until the half when they led 37-26.

The start of the second half, however, was the start of a new game as Ricker continually pressed the Raiders and slowly cut down the lead from 11 points to a 57-57 tie with two minutes remaining in the game. With 90 seconds remaining "Red Raider" captain Roy Miller flicked a pass to Ted Tomchak and Ted made no mistakes as he hit the twines for what proved to be the winning two points. With the clock running out Ricker were in a position to either tie or win the game but once again the fine UNB defence withheld this attack with capable Ed Browne strongly guarding the UNB mesh and stealing the ball to insure a

Raider win. A long pass down the floor to Fran McHugh with two seconds remaining drew a Ricker foul and "Franny", starting for the first time on a Raider team, made no mistakes as he hit on his shot from the line to add an insurance marker.

Tony Tommaro, referee of the game, had this to say in an interview with the "Brunswickan" after the game: "The UNB boys were a well-drilled team and showed fine sportsmanship in their victory over the Bulldogs. I would also like to express my best to the fans who also showed the fine sportsmanship that UNB is known for, when I asked for silence in the gym. It has been a pleasure officiating at UNB and I hope to be back again in the near future".

Tomorrow evening the Raiders continue their home stand before travelling to the Island on the weekend, when they meet the Number One club in the Northeast the "Husson Wildcats" from Bangor, Maine. Husson have already defeated the "Raiders" on their home floor and have beaten Mt. A. 86-71, so Raider fans should be in for another night of top-notch entertainment. Raider fans from last year will remember starry guard Jack Scott and 6' 5" centre Ray MacKay who are both in the "Wildcat" lineup again this year.

The preliminary game between the Ricker Jayvees and the UNB Jayvees saw the Red and Black, fresh from a victory over Fredericton Teachers College down Ricker 82-67 in a display of remarkable shooting. Led by "Mousie" McLennan who netted 24 points to add to his collective 23 from the night before, the Jayvees took the lead from the opening whistle leading 54-38 at half-time.

ATTENTION SENIORS!

Lists of points of Students' Activities Awards have been posted in all major campus buildings. Applications for awards must be received no later than Feb. 15, 1961, in care of Marilyn Wiley, SRC Box, Campus Mail.

DEVILS DEFEAT SAINTS 13-2

by JIM DOLEMAN

In their most prolific scoring display of this season the Red Devils rolled to a convincing 13-2 victory over winless St. Dunstan's in a Saturday night encounter on the Island. UNB guns Andrea, Marchant, and Oke paced the onslaught with hat-tricks.

Only 4 penalties were handed out in an exceptionally clean game.

Play was even in the first period, despite the fact that the Devils owned a 3-1 margin on the score sheet. The hapless Saints managed to draw first blood at the 2:14 minute mark on a 20-foot drive by Marshall. The Devils soon recovered from this shock to drive for three goals off the stick of George Oke before the frame ended.

The second and third periods were all UNB as the roof fell in on St. Dunstan's. The Devils net-

ted 10 more goals to 1 retaliation for their opponent. The last period saw the Devils dent the twine 3 times within a space of 54 seconds.

The Devils in general showed a fine improvement over the last weekend draw to the city Juniors. Though outdone 6-4 in the goals department by the Andrea-Marchant-Morrow trio, the line of Clark, Cloutier and Oke proved to be the sharpest of the night for UNB in executing many effective plays.

Ron Andrea emerged from the scoring melee as top point-getter with 3 goals and 3 assists. The picture goal of the contest was notched by the "Bomber" at the 3:25 mark of the middle frame, following a solo end to end rush. He shifted to the outside of the SDU defence to lift a high shot into the upper left hand corner.

BLOOMERS WIN 2

The UNB Red Bloomers completed a successful weekend of basketball, winning 42-16 over Acadia Friday night, and 64-63 over Dalhousie Saturday night.

The Acadia game proved to be very one-sided with the UNB team completely dominating the play.

Top scorer and outstanding player for UNB was JoAnn Carr with 17 points and Sandy Pomeroy scored 16.

Rough, fast play, with a high score for girls' basketball dominated the scene in Halifax Saturday night. Sandy Pomeroy was UNB's top scorer, with an impressive 32 points.

Again this year the UNB girls seem to have a winning combination in basketball and are hoping to retain their Maritime championship.

CAMPUS CALENDAR

TODAY:

BRIDGE CLUB: Oak Room, 7 p.m.
MOVIES: Part of Engineering Week, Interesting and free, Room 106, Carleton Hall.

WEDNESDAY:

SRC: Tartan Room, 7:30 p.m.
SKIN & SKUBA CLUB: LBR Pool, 7 p.m.

HOCKEY: Engineers vs Foresters, LB Rink, 7:30 p.m.

THURSDAY:

STUDENT WIVES BRIDGE CLUB: Oak Room, 8 p.m.
ENGINEERING WEEK SPEAKER: Room 106, Carleton Hall, 8 p.m.

PARA-JUMP CLUB: All Purpose Room, 7:30 p.m.

DEBATING SOCIETY: Tartan Room, 7 p.m.

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