

WELL
MOTHER,

Brunswickian

CANADA'S OLDEST OFFICIAL STUDENT BRAINWRECK

YOU
NEVER
KNOW

VOL. 97 NO. 6

FREDERICTON, N.B. OCTOBER 22, 1964

THE VOICE OF UNB



Blake Lynch downed by Navy defenders.

Library expansion?

The Bonar-law Bennett Library is drastically overcrowded and any signs of relief are far in the future.

With the addition of STU and TC to UNB's campus, there are now 4,000 students whom the library serves, or tries to, with a seating capacity of 190.

Our reporter managed to gain an interview from Mrs. Wiener and Dr. Gunn. As a result, he warns would-be library-goers of many dangers.

If you think the library is available for completing assignments day or night, forget it. An hourly count indicates there are 1,000 students vying for the less than 200 seats.

Beware, fines have increased drastically! Due caution is to be exercised on volumes bearing red labels and blue cards.

On the plus side, a few things have been re-organized to better serve the student. All first year books on the reading lists are in the stacks. There is also a waiting list posted at the entrance to the stacks.

But fear not, brave students (frosh, at least), there is a strong possibility the sod will be turned in the spring for a new library behind the Chemistry building, to be completed in three years

(where will I park my car then?). It will be gigantic, storing a half-million volumes within its dark confines and seating 1200 students in private cubicles (fun and games). Designed to be expanded, if needed, to twice the capacity, it will be a five-storey (no pun intended) structure. (No, elevators will not be provided for students!)

Parking: where please?

UNB (campus poop): It has been reported to this office that a great number of people are dissatisfied about the parking problem on this Campus. "It wouldn't be so bad if the Commissionaires weren't quite so keen about giving tickets: it's getting expensive."

According to one disgruntled Law student, the University Administration "Has no right to give tickets and fines, but if your marks are stopped for non-payment, there's nothing that can be done."

According to the Administration Office, the only place that students can park is down by the Gymnasium, or up behind the New Arts

Building; and with the increased number of students this year, the number of cars on Campus has increased proportionally. Apparently, the only way that a total panic is to be avoided is to give tickets; however...

"When I come in every morning, I'm not about to jockey for a spot down by the Gym, and then trudge up the hill to be late for a class. Consequently, I park my car in one of the Visitor's lots: which, by the way, are always empty. Maybe I should be a professional visitor on this Campus, as it seems to me that visitors are accorded unusual parking privileges," stated one student.

Still other drivers complain of unfair tactics on the part

Professors and students

Clamour for march break

In a brief interview with a small group of (anonymous) UNB professors last week, it was discovered that the faculty are showing some displeasure with the present length of the Spring term. They felt that "it is too long and should be punctuated with a brief holiday in March."

Science bounces back

The newly formed Science Undergraduate Society has begun the year with a meeting surpassing all previous records for attendance set by its parent body, the now-defunct Science Guild. Under its new president, Ian Harris, the Society, serving all undergraduates in the Science Faculty, has been reborn in an effort to coordinate the activities of the faculty.

Mr. Harris, obviously very pleased with the unexpectedly large turnout, trembled before the group of almost 100 students in front of him for the first time in the Chemistry Auditorium last Thursday. Under his leadership, an executive was set up at the meeting, and the future looks good, with Science Week already being organized and many students interested in other activities.

The greatest disappointment of the meeting was expressed by the president who said that the Science faculty would not be allowed to have both its members on the SRC, under some article of the SRC Constitution. A number of students felt that the vacancy was not sufficiently publicized, and that the faculty should be given a second chance.

More publicity was given after the closing of nominations than before, and who saw those little notices on the bulletin boards? We should have a second chance." This was the view of one science student.

Duo pach

Faculty and students at the University of New Brunswick are invited to attend an informal noon hour workshop to be given each Thursday from 12:30 to 2:30 in Memorial Hall by the Duo Pach, Resident Musicians Joseph and Arlene Pach.

This will take the form of a comprehensive survey of the repertoire for the violin and piano as components of a Sonata Team, as well as in their separate roles as solo instruments. Works from programs to be given by the Duo in their Playhouse Recitals will be included.

Doors will be left open, and those interested may enter and leave as their timetable permits.

Flash

UNB (Campus poop): Aaten House held its annual Fall Social last Saturday night. The theme was "A Night in Sunnydale Violent Ward", and was supported by the usual number of camp-followers and key-twirling hangers-on. The highly successful soiree culminated in a motorcycle race in the halls with the local morality squad looking on.

"I know two people who would have run", remarked another. "I think the SRC follows its duties to the minimum and no further. We need a second, but this time fair, chance."

The rationale behind many acts of the Administration is simply "Other universities are doing it." Apparently UNB is the only university in the Maritimes without a period in the middle of the second term in which students and professors alike can "blow off steam." By the end of March the work has become so tedious that faculty members become hostile to each other, tired, and some seem to fade under the strain." A number of professors became seriously ill last year, and this can be partly attributed to fatigue.

Having a March break would, unfortunately, require one of two sacrifices on the part of faculty and students. "We would have to either reduce the length of the reading period in April, or increase the length of the college year. Apparently both of these are distasteful but to those who find 'cramming' a necessity, the latter is probably most appealing."

The March break would benefit the students, it was pointed out. Time for the members of the student body to relieve the strain of study pressures would reduce the incidence of nervous breakdowns, it was felt, which are not uncommon at UNB around exam time.

The go-ahead for such an innovation will probably have to come from the university's 'higher-ups', and student pressure in the right places could help bring us all a week in Fort Lauderdale.

Administration Doesn't Know Why

Students To Get "Charge-Plate" I.D. Cards

"UNB is no longer a small university," said UNB Vice-President MacAulay. "We need an official means of identification."

Mr. MacAulay was discussing the new student identification cards (in three colours) to be distributed this year to every student at UNB, St. Thomas, and Teachers' College. The purpose of these new embossed I.D. cards is not entirely clear yet, he said, but all major universities are changing to this sort of system. Eaton's uses them for charge plates.

When asked about specific uses for the cards, Mr. MacAulay said that while it was not definite, they would probably be used for identification by the Library and in the Dining Facilities (although

(Continued on Page 9)



Fall Formal proves to be another gas (H₂S). As usual hoards were in attendance, although how they found out about it, no one knows. The student body is reported to be eagerly awaiting the next big fling -- whenever that is.

Radio U.N.B. goes F.M.?

In an interview with Mr. Ross McLeod, director of Radio UNB, it was learned that Radio UNB is now making a serious move towards operating on FM.

Mr. McLeod stated that the greatest problem in reaching this goal was not in the administering of such a project but instead in convincing both the Board of Broadcast Governors and the Dept. of Transport that students are competent to handle an FM station. Therefore, Mr. McLeod said, a brief is being prepared by the executive of Radio UNB and in collaboration with student radio societies from Memorial, UBC, Queen's, McGill and others.

Views on how the new station would be run are obviously tentative depending on correspondence with other student stations and the B.B.G. but Mr. McLeod was able to give this reporter a brief outline of Radio UNB's preferred plans for operation.

The opening of this station is being pointed for one year after the opening of the S.U. B. Here, Radio UNB would have the necessary housing.

As Radio UNB-FM, would be run on an educational licence, the costs for said licence would be only in the vicinity of \$25. Broadcasting hours would be from 11 a.m. to 11 p.m. as restricted in the licence and a number of educational programs would be carried. One example would be a conversational French program which would perhaps give a university credit to Fredericton citizens.

Radio UNB wishes this station to remain a student run organization as opposed to a university run station. They are therefore proposing that their faculty advisor would hold the broadcasting licence. This in effect would take much from the argument of

those opposing a student run FM station, while still leave the running of the station in the hands of the students.

Then, to comply with the Dept. of Transport's regulation that a chief engineer etc.

(Continued on Page 3)



We bend an ear to undergraduate money problems of all kinds, from setting up a savings account, to budgeting, to discussing your financial future. Any time we can be of help . . .



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VERY
IMPORTANT
DATE!**



Representatives from Bell Telephone will be on Campus to talk about

YOUR FUTURE WITH THE BELL. Appointments for interviews can now be made with your Placement Office for male students graduating in

- X ENGINEERING (Electrical)- Civil - Mechanical
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Peter Paris and CUSO

The Student Christian Movement on the U.N.B. campus is hosting a distinguished guest to the campus from Oct. 28 to Nov. 2. He is Rev. Peter Paris, National Visiting Secretary this year for the S.C.M. of Canada.

Peter Paris is a Canadian Negro born in New Glasgow, N. S. In 1958 he graduated from Acadia University with a B.A., B.D. degree and the same year became the first Canadian participant in the Crossroads Africa program. He became an ordained Baptist minister in 1959 and was General Secretary of the S.C.M. at the University of Alberta from that year to 1961. For the past three years, Mr. Paris has been the National Travelling Secretary of the S.C.M. in Nigeria.

Four major events are planned for Peter Paris while he is at U.N.B. On Wednesday, Oct. 28, at 7:30 p.m. in the Tartan Room of the Student Centre. Peter Paris will lead an informal discussion on CUSO - Canadian Uni-

versity Service Overseas. This organization is the Canadian version of the Peace Corps. It was established on June 6, 1961 as an "agency to develop and promote schemes to send Canadians to serve overseas."

CUSO is a means of providing Canadians opportunities to work abroad in similar circumstances to those which the host countries provide for their own citizens. It is hoped, that such a program will promote better understanding among the participants and provide sincere gestures of international goodwill and cooperation.

It is important to note that the graduates who go to overseas countries do so at the invitation and specific request of those countries, and that they go as junior personnel working in equality with their compatriots, and not as experts laddling out all the superior knowledge they have learned.

Are you interested in working overseas when you graduate, under conditions with

which you are not familiar and which you might consider to be hardships in relation to the situation in Canada? Come along and talk to Peter Paris on Wednesday evening, Oct. 28.

red 'n' black

In less than five weeks, the curtain officially goes up on the 1964-65 performance of the Red 'N' Black Revue. The Revue is a UNB tradition and it needs the entire student body to keep this tradition. Since the Red 'n' Black is not a professional show, experience is no prerequisite, but enthusiasm is.

Skits, voices for the chorus, dancers, impersonators, musicians, and any kind of talent will be welcome.

Auditions for the show commence tonight (Thursday) in Memorial Hall at 7 p.m. If those with ideas feel that they cannot attend this rehearsal, phone Gerry Rogers at 475-3890 or David Tilson at 475-8869.

The dates of the Revue this year are November 26, 27, and 28. These dates are rapidly approaching. Auditions have already begun and will continue on Thursday nights from 7 to 10 p.m. and Sunday afternoons from 2:30 until 5:30 p.m.



"The Limitation Complex"

Last summer, while chatting with a graduate of this university who now lives in Washington, D. C. and who happens to be a negro, I discovered that that city has a very large negro segment in its population. I asked why we never hear of incidents of discrimination from Washington, as we do from some of the other large centres of population in the United States.

The answer was that he thought that the negroes in that city had a sort of limitation complex... they had their place in Washington society, and they would never try to step out of the self-imposed confines of that place. It would never occur to them to try to find service in a segregated restaurant, because they felt that this is beyond the limits of what they should do. Thus, these people place in society by a limitation complex which is in itself the product of their own racial and ethnic background.

I then asked my friend, who is a non-continental negro and on the staff of a Washington university, if he himself had encountered any difficulties because of his colour. His answer was that he had not... he went places that other negroes would never dream of going and never had so much as a question asked. He said that he thought that all of the Washington proprietors must have assumed that he was a member of the diplomatic corps... "Because no ordinary negro would think of coming here!"

Since the time of that conversation, I have watched the concept of the limitation complex in operation on several occasions; and it is by no means confined to the racial minorities. I suppose college students operate under a form of limitation complex... even.

New publication

The tri-campus network is soon to be barraged with yet another student publication, the St. Thomas Aquinian.

Although it has been published in the past, the Brunswickan editors felt that there was no need for a resurrection

RADIO U.N.B.

(Continued from Page 2)

on hand for the organization of an FM station, Radio UNB-FM, would call on the various members of the Engineering Faculty who have offered their services.

Finally, through engaging the services of the executive secretary of the SRC for a few hours a week, Radio UNB-FM would have the administrative problem of operating an FM station pretty well licked.

Mr. McLeod also stated that he has been greatly encouraged by the interest shown in Radio UNB's project up to now and he mentioned stations CJAD and CKVL in Montreal with a special word of thanks to CBZ in Fredericton for help. This aid has been more than just moral backing as witnessed by the presentation of a second console to Radio UNB by the CBC.

Mr. McLeod feels quite confident that Commercial Stations will do much to help Radio UNB-FM to get off the ground.

Things, therefore, seem to be looking up for UNB's off campus students. There have been sporadic rumblings about the "small" number of students served by Radio UNB and the relatively high cost of keeping it in operation; but buck up sports fans! - if Mr. McLeod and his compadres are successful in their bid, we all will have access to our own squawk box. **MAYBE IN STEREO EVEN!**

with the 'trainwreck' on the job. All the rumours are true and it is due to hit our unaware and innocent students next Tuesday.

The chief editor, Ray Murtha, was interviewed, and only too willingly filled this reporter in on the details.

One of the first things this austere gentleman managed to utter was his and St. Thomas' deep appreciation of the aid given them in business management by Bill Freeland of the Brunswickan.

Since the publication is to be monthly, only major aspects of university life will be covered. City advertising will be employed with hopes of expanding to a national scale.

The policy of the paper may offer some satisfaction to UNB readers and dissatisfaction to our editors. The St. Thomas Aquinian is willing and able to back any major function, such as Red Cross or the New Student's Centre. However, they "in no way intend to criticize UNB or TC editorially or feature-wise. STA will not compete with the Brunswickan. Although we have no censorship, we do have a faculty advisor in the person of Fr. Martin."

Circulation is to be increased from 400 to 1000 in order that UNB will be able to keep an eye on STU's activities.

The editor is very enthusiastic about the paper's future and is looking forward to a weekly. This could spell only one thing for the Brunswickan, competition. But, competition is the heart of progress. Good luck, Tommie!

-Rover



THREE DOORWAYS TO A REWARDING FUTURE

Here are three attractive plans that cater for the varying circumstances of young men interested in a career as a commissioned officer in the Canadian Army:

- 1 THE REGULAR OFFICER TRAINING PLAN** - This is a tri-service plan under which high school graduates receive advanced education and leadership training at one of the Canadian Services Colleges or at a university to become officers in the Royal Canadian Navy, the Canadian Army or the Royal Canadian Air Force.
- 2 THE CANADIAN OFFICERS TRAINING CORPS** - University undergraduates may obtain a commission by training during their spare time and summer holidays. They are paid for actual training time and, after graduation, may choose either full-time service in the Regular Army or part-time service in the Canadian Army Militia.
- 3 MEDICAL AND DENTAL SUBSIDIZATION PLANS** - These are tri-service plans under which university students in medicine or dentistry can be subsidized during their course and become commissioned medical or dental officers in the Canadian Armed Forces after graduating and obtaining their licence to practise.

You may obtain full information on any of these plans from the local Army Recruiting Station listed in your telephone book.



DAN SCANS

Recently a group of U.N.B. met to discuss the possibility of revamping the structure of our S.R.C. since last year's restructuring proved to be as ineffective as the previous system of class representatives. Much to the surprise of those in attendance, one of the present S.R.C. executive was parked at the front door counting noses at meeting's end, and taking note of the would-be "subversives".

As no mention of this year's S.R.C. was made, one immediately wonders why this meeting raised such a furor with the executive, who reportedly "mounted their horses and rode off in all directions".

The present structure of the SRC is such that serving on it dooms one to the stale, unimaginative duties of ratifying constitutions, considering budgets and endless dithering. Nothing useful is gained by most of those who sit on the SRC except a place in the "extra activities" section of a job application.

In the last issue of the Star Weekly a clergyman from London Ontario called today's university student spineless and lacking in intestinal fortitude. He called for fresh ideas and new views (on off campus issues) from the university community because the pressures of the conformity-minded business world would not allow free thought to those in it. How then is it possible for those who are to voice student opinion to be effective if they are preoccupied with the day to day affairs on campus? Surely after so many years the format of campus duties must be sufficiently familiar as not to require the complete efforts of everyone on the SRC.

The University of New Brunswick is emerging as one of the fine schools in the nation, and whether we like it or not, the old days of small enrollment and small minded thinking are gone. Now is the time for our spokesman, the SRC, to take inventory of itself and make provision for and encourage off campus interests so that new ideas will be born.

ANOTHER SHOW

The Christian Atheist Party, under the dubious leadership of Russ 'Panty Raid' Greene, will have a coffee-and-constitution meeting Thursday, October 29 at 7:30 P.M. in the Student Centre near the water cooler, of course. If you don't know what the C.A.'s are, be there. If you do, then you won't be able to keep yourself away. Yowzers.

Clubs free loading: SRC money wasted.

Last week the BRUNSWICKAN published a two page supplement dealing with the Fall budget of the SRC. The reason that the budgets are published before they are finally approved is to give students an opportunity to express their views: Very few did.

This year the council approved expenditures amounting to almost \$50,000. Many small organizations have, for the first time, approached the SRC for funds, and most have had their wishes granted.

The budget meeting itself was a pleasant change from last year. Most of the shouting and budget cutting was done in committee before the full session of all council members. Unfortunately some budgets were passed which deserved more consideration.

UNB Chess Club . . . \$36.50 for 10 chess boards. Come on, fellas, surely you can afford to buy your own chess sets. After

all, it isn't that much money, but when every club jumps on the band wagon, it starts to add up.

Rod & Gun Club . . . \$25 for organized hunts. We wish we at the BRUNSWICKAN could have \$25 for an organized party.

The obvious, and hackneyed retort of such organizations is "Well, anyone can join. This is open to every member of the UNB student body."

Most campus organizations fall into three rough categories. Those being service organizations, member oriented organizations, and organizations which provide publicity for UNB. These terms are our own and are simply used for analysis for the rationale with which we examine the budgets.

By their very nature service and publicity organizations must be financed by the SRC. They are of benefit to all students in general and no group in particular.

Radio UNB is essentially a service organization, in that you don't have to be a member to derive benefit from it. But you do have to be at a place where you can listen to it. While this is true, the organization performs a useful function, you don't have to be a member to appreciate the work of this club. This holds true for the Drama Society, the Brunswickan, and the Year Book.

Many clubs help to publicize the university: They give us a name, if you like. The Para-Jump Club and the Debating Society are examples. The members of the Para-Jump Club have probably given this campus more favourable publicity than any other student organization. This has been a relatively cheap way to build a name for ourselves, too; the Para-Jump Club budget this year amounts to \$186. In contrast the Fall Formal costs \$720.

The UNB Chess Club is a member oriented organization. No one outside the club can derive any useful benefits from it. Of course anyone can join, but everyone doesn't. It is our contention that such clubs should pay for themselves. Those who derive benefit will pay the shot. It's as simple as that.

This paper believes that organizations which exist strictly for the benefit of their members should not be supported by the whole student body . . . they should support themselves.

If students want an organization of this sort, (and in many cases they do), then they should support it by membership fees. At the same time the SRC could cut our fees by many souss.

This indeed would be a welcome change at UNB.

LETTERS

Dear Sir:

I think the Brunswickan is really a terrific paper and I am a very avid reader but sometimes it disappoints me just a little. (Now don't scrap this letter with the comment that "you can't please everybody" . . . please read on . . .)

As an example take the cunning little satire of the Sept. 18th issue entitled "The Redskins and the Tommyhawks". I'll grant you, it was a very nice bit of creative writing but instead of ingeniously trying to give his subtle remarks a fairytale quality, why didn't he just write a straightforward column, I mean, we've had four issues of the Brunswickan already and none of them, least of all the first one, has given any space to honest opinions about having St. Thomas and T.C. here on campus. I suppose they must all be thinking the worst by now and I for one don't want to be put into the stereotyped group of U.N.B. students who supposedly "hate" all "intruders". Sure it's a difficult thing to have to share our

campus etc. with about 1900 other students. Our dances will be more crowded and we'll have to accustom ourselves to many other changes but this doesn't mean that we aren't "big" enough to do this. I think more of us should realize that it was just as difficult for St. Thomas to move here and combine with us as it is for us to accept them without a few murmurs of protest. But lets face it - they're here to stay and we just might find we are of MUTUAL benefit to each other. So lets put a smile on our faces and a note of warmth and friendship in our voices and let these newcomers to our wonderful U.N.B. campus know that underneath all our bantering we're willing to meet them on friendly grounds. How about remembering these few words of wisdom

"There is in friendship something of all relations, and something above them all. It is the golden thread that ties the hearts of all the world". (Evelyn)

Keep up the good work - the Brunswickan is "A. O.K." "LDH Co-Ed"

Dear Sir:

I have been on this Campus a long time: five years, in fact. But for every one of those five years I have watched various organizations, notably the Brunswickan, and Radio UNB, unanimously get up on the community soap-box and condemn the Communists as being the decadent system which is fighting to destroy our sacred institutions of mother, home, and hearth.

I think that perhaps it is time to examine our motives; and having done this, move on to our so-called free society, and put it under the microscope. I wonder, for example, exactly what sort of a society it is that such people as Hal Banks and Jimmy Hoffa to survive, both physically and economically. I can tell you that they never would in a Communist Society.

Both my parents are Communist, and it is things like the above which make me think that perhaps I should be one, too.

Sincerely
J. G.

Ed. Note: No kidding!

Dear Sir:

Are you one of those people who just found out about the big social committee secret the day before? Or are you one of those people who found out two days before but couldn't get home for your paraphernalia?

The social committee was never scared to let people know about events by means of posters around campus IN ALL BUILDINGS and a notice in the Brunswickan AT LEAST TWO WEEKS ahead of time during the previous six years I've been here. I would like to know where the \$720 goes after this.

Annoyed

NOTICE TO SENIORS

The deadline for all graduation write-ups (75 words or less) is November 1st. Those not meeting this deadline run the risk of being written up by members of the Yearbook staff. So have yours in on time. Slide write-ups under Yearbook Office door or place them in Yearbook box, at the Campus Post Office.

Brunswickan

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The torch is lit

Well gang, we hear you've been a little upset lately because you've seen all sorts of little torches illuminating the campus, and you're highly disturbed because you had thought last year's horror sheet was about to reappear. Let us smooth your frazzled nerves. What you didn't know was that the torch is the official Arts Society symbol, and that we were just promoting a little fusties on campus to get you all excited about Arts Week.

We guess that the people at the old "Bruns" were a little upset. They got so excited that they gave us a front page spread in the last issue!

Anyway gang, the word is out. Arts Week, Oct. 24-31. And this is your TORCH.



INTER-VALES

When the average student at UNB hears the word "inter-vales" immediately his naturally probing mind will flash to thoughts of rich fertile land in low lying areas beside a river. He would not be correct in assuming this was the only connotation however.

On the hillsides of the campus can be found traces of another kind of "Inter-vales", and a fresh new look will be available to all Arts students during Arts Week, and thereafter. "Inter-vales" is the student literary magazine of the Arts Society, containing poetry, short stories, and essays contributed by students across the campus.

"Inter-vales" will be on sale during Arts Week in Carleton

As one walks about the UNB Campus, he is immediately struck by the distinctive and original qualities of the thousand Arts students. No matter where one looks, there are the Arts students striding purposefully from class to class. The stranger to UNB will be especially surprised by the feeling of unity and solidarity which spreads so enthusiastically among them. These are real students dedicated to study and hard work and the pursuit of higher learning. The most obvious evidence of this enthusiasm is the throngs of Arts students who come to Arts Society meetings. Something on campus is being organized, if activity of any type is taking place, you are certain of finding enthusiastic people from Arts at the head of it.

The paragraph above is almost entirely pure fiction. It is supposed to be funny (Ha, Ha). But it really isn't.

Why is the exact opposite of the above closer to the truth? Is there something definitely wrong with the Arts student? Why is it so difficult in fact to find anything typical about him?

Hall and the Bookstore. After that time, copies will be available in the Bookstore only. It is an extremely interesting publication which is expected to sell rapidly. The price is low; the content, good.

Be sure and get your copy when it goes on sale Oct. 26th.

It can be partly explained by the tremendous diversity incorporated in the Arts faculty; for example, English, History, Psychology, Sociology, Economics, Classics, Romance Languages (French and Spanish) as well as the Sciences. There are no Common Characteristics around which one can build a unified group. Because it is the largest faculty, there is no need, supposedly, to be rabid supporters of the Faculty. A majority is usually the most secure in its position, it seems.

However, is this justification for the apathy, the excessive lack of interest in those things which relate to the faculty? I think not.

It is, of course, the usual trend for any university student to be particularly guarded in committing himself to anything. It is the time of trying to survey the world in an objective manner and, naturally, commitment makes this difficult. But should this attitude be extended to such a degree that one has no pride in even the Academic field of endeavor to which he most certainly has committed himself?

The Arts Faculty is the largest on campus. It is the original academic area upon which UNB was founded. It has a tradition of Academic excellence which is being carried on by members of the faculty. It is not the limited artsy-crafty, group which the uninformed mistakenly call it. (Although the Arts and a development of cultural tastes is an important part of it).

This is an indictment of the Arts student attitude on the campus of UNB! It is a serious matter and should not be lightly dismissed. Let us change our attitude and develop a little pride and enthusiasm. Then perhaps the first paragraph of this article will not be so ironic.

C. A.'s REVOLTING

"The Christian Atheist Party is revolting" agreed the presidents of the Liberal and P.C. Clubs last week. Maybe they are, but they are still the most popular political club on campus. Their SECOND meeting, and a very important one too, will be held in the Stupid Centre at 7:30 P.M. on Thursday October 29. Everyone please come. Coffee and donuts optional.

Artsmen open house

Something new has been added to Arts Week, this year. On Wednesday, October 28, Carleton Hall will be thrown open to faculty, students and the public, from 7-9:30 p.m. Everyone will have a chance to see some fascinating displays being put on by the various departments.

The Economics Department is having a panel discussion on the Wilson Report, and economic development in the Maritimes. The panel will be made up of students and faculty members.

Do you know what a typical philosophical discussion involves? You do? Well come anyway and listen, on Wednesday night in the philosophy seminar room.

In the Sheldrick room the History Department will have a display of authentic University documents, and of various books written by members of the department.

The Romantic, I mean Romance Languages demonstration will be held in the Language Laboratory where there are earphones and receivers to tinker with (but not both).

The Classics Department will have a display in their famous showcases. A talk, supplemented by slides, will be given as well, in the seminar room.

Those interested in the science of Psychology will be entertained and taught by two films, and are invited to discuss them with members of the department.

The English Department will present a varied program involving most of its members in a 1964 version of the American Burlesque Theatre.

The Mathematics Department will have a display so abstract that it will be totally invisible, and it should be a pleasure for all to think about.

All of the Departments invite discussions with those interested in the displays and shows. Pretty coeds, specially imported, will guide you through the building, and coffee and doughnuts will be served at no cost thanks to the generosity of the SRC.

The big bash

Arts Week will be climaxed this year as last by a Halloween Dance Saturday, October 31 in Memorial Hall - a ghostly atmosphere will set the scene for the most gruesome event of the year.

Come and bring your favorite Spook - and meet Miss Arts '64-65. You may not recognize her, but she'll be there having a ball. Prizes will be presented for the most original, most beautiful, and most ugly costumes. It should be a blast! The chap-erones - (in costumes) will present prizes and add a bit of exciting entertainment.

Because they were so fabulous last year, Tony George and his Boys have been asked back to really raise the roof of old Mem Hall.

Admission will be 35c - if you wear a costume, and 50c without. So come in costume like everyone else, and have more fun. Orange and black, pumpkins, spooks, skeletons, and assorted demons will be there to greet you. So come on, gang!

BIG EVENT

BIG Christian Atheist Meeting Thursday, October 29, at 7:30 P.M. in the Student Centre Cafeteria near the Water Cooler. Everyone, C.A. or not, should be there. It's the funniest thing since 'Cleopatra' and only half as long.

Arts banquet

The opening event of Arts Week this year is to be a banquet for Arts Students, Faculty Members, and guests in McConnell Hall, Monday, October 26th at 6:30 p.m.

Students who attended this event last year will remember that it was a tremendous success. Tickets will probably go rapidly, so it is urged that you get yours as soon as possible. In addition to a fine banquet, students are in for a very rare treat - Faculty Follies. Who could forget Professor Lusher's "Cuzler's Gin", and the faculty impersonations of the Red Bombers and Cheerleaders. Professor Lane will be along again - here we have a folk singer of fine calibre, guaranteed to thrill the audience.

Another highlight of the banquet will be the crowning of this year's Arts Queen, who will reign over the remaining activities of the week. Miss Arts 1963, Sheila Hutchison will crown the new Queen.

We repeat, 150 tickets will be available for the dinner, so if you plan to attend, purchase your tickets early. They will be available in Carleton Hall and Student's Center, Thursday and Friday, Oct. 22nd and 23rd. The price is \$2.00 for non-resident students and \$1.25 for residence students with meal tickets.

AN ODE TO AN ARTSMAN

(Sung to the tune of "Green Green")

Queen, queen, we need a queen
So Artsmen help us; please
Come vote the 23rd
The candidates are these -

One hails from Moncton way,
Third year, blue eyes, blond hair.
Her name is Miss Sue Grant
Have we a winner there?

Carrie MacMillan's next,
From this town of Elms comes she.
A Sophomore poised and charming too,
Is this our Queen-to-be?

For those who like the Scots we have
Joan Wightman from Saint John
She'll dance into your heart
For Queen you can't go wrong.

Nov. that you've met our girls
Please make your choice and then -
Come to Carleton Hall Friday
And let us know, ARTSMEN.



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Sir Arthur Addresses convocation

The University of New Brunswick in annual Convocation exercises Wednesday, October 14, conferred an honorary doctor of laws degree on Sir Arthur Bryant; honorary doctor of Science degree on Dr. Laurence Harold Cragg; and honorary doctor of laws degree on Walter Charles Koerner.

Sir Arthur is well known as a broadcaster, the author of 25 books and a professor of history. He is also the writer of "Our Notebook" in the illustrated London News, the oldest column in English journalism. He has contributed to it every week for the past 28 years, having succeeded G. K. Chesterton in 1936. Sir Arthur holds honorary doctor of laws degrees from Edinburgh University and St. Andrews University. He was awarded the Commander of the British Empire in 1948, the Coronation Medal in 1953 and Knighthood in 1954.

Sir Arthur was educated at Harrow and Queen's College, Oxford, of which University he holds the Master of Arts degree. He was called to the Bar and in 1923 became Principal of the Cambridge School of Arts, Crafts and Technology, today the Cambridge Technical College; and as such, was the youngest headmaster in England.

Subsequently, Sir Arthur held a lectureship in history and literature for the Oxford University Delegacy for Extra Mural Studies, and for many years was actively associated with adult education, being a governor of the Bonar-Law Memorial College at Ashridge and Chairman of the Ashridge Council.

During the Second World War he was engaged in lecturing for the Services at home and overseas. He has frequently broadcast for the CBC and before the War was well known as a writer and producer of historical pageants. He first became known as an historian with the publication in 1931 of his biography of Charles II. He has won the Gold Medal for Literature, and is the only writer other than Sir Winston Churchill to receive the Gold Medal of the Royal United Service Institution for his service to military history in the immediate postwar period.

Sir Arthur examined the foibles, the problems and the art of the biographer in an address Thursday to the public and members of the University of New Brunswick.

Sir Arthur's address at UNB was one in a series delivered during his week-long visit to Fredericton. He came to the capital city on arrangement by the late Chancellor of the University, Lord Beaverbrook.

The Biographer, Sir Arthur said in his address Thursday on "The Art of Biography", must be a fisher of facts able to present his material artistically with balance, truth and insight.

Although his task be immense, he must not begin with preconceived ideas, nor neglect any source of information available even though it would appear to be irrelevant.

The first job of the biographer, Sir Arthur said, is to collect all the facts on which he can lay his hands. He then must approach his material as an artist with a desire to seek the truth.

Sir Arthur feels the biographer must not only be a man of the world but also a man of balance. The scholar, he said, serves his craft by devoting some part of his life to civic existence. Having learned to breathe the air or the study and the world, he must strive for balance in the assessment of his material and not place undue emphasis on some fact.

Sir Arthur paid tribute to Lord Beaverbrook as just such an historian, capable of portraying his subject with artistic vitality and genuine insight.

Every biographer, Sir Arthur continued, must make as his first study the life work of his subject - "By their fruits you shall know them". Yet, though a man's work is the ultimate purpose of his life, it is not the whole of his life. The biographer must examine every single piece of evidence with the hope that something will reveal the true man.

Of course the biographer realizes, in this process, that it is impossible to know everything about a man because much of what a person experiences is recorded in his own memory and usually never finds its way into print.

In handling biographical facts, the importance of chronology cannot be overestimated, Sir Arthur said. Events must be assessed in their proper sequence or the biographer may commit an all too common error: that of attributing facts of mind to his subject before his subject could have had an opinion on that matter.

In discussing how a biographer goes about his task, Sir Arthur pointed out that he himself has spent several years collecting material before he arranges it in its proper chronological order then begins, from the facts at hand, to write his book from a point of view. Each paragraph in his books is rewritten as many as 30 times before a final version is satisfactory.



Points to ponder

Blood cannot be manufactured - there is no substitute for it.

A hemoglobin test is done before each donation - hence you can donate with the assurance of no harm to your health.

You give 3-4 of a pint (i.e. 13 oz.) of blood - this is only about 1/20 of the normal 15 pints of and average body.

Within 48 hours after donating your body replaces its fluid loss completely.

Blood can only be STORED for use as whole blood for 14 days.

Blood derivatives are made from donations which are stored longer than 14 days.

Each week 750 bottles of blood are transferred free of charge in New Brunswick's 39 hospitals.

Having pondered these points please pop over to Aitken House and pump out a pint for posterity!

Blood reserves must be available readily to compensate for the loss of blood, for the human body cannot with-

Why not?

It gives me genuine pleasure to write this note in the interest of the work of the Red Cross. Under the sponsorship on campus of the Pre-Med Club, the annual Blood Donor Clinic will be held in Aitken House for October 27-30.

Two years ago the Red Cross Society presented the University with a scroll in appreciation "for long and distinguished service to the ill and injured of the province." This seems to me a contribution of which we can all be proud.

Surely, such an indispensable service to others needs no argument for its endorsement. Therefore, if you can give, so that each UNB student can prove once again his intelligent interest in the welfare of mankind.

B. F. Macaulay,
Vice-President
(Administration)

C. A. GOVERNMENT THIS YEAR

I doubt it, but come to the meeting anyway. The CA's have decided to hold a meeting at the regular place (Stud Center, near the water cooler) at 7:30 on Thursday, October 29. Everyone come, please.

COMPANIES ON CAMPUS

Of interest to students: COMPANIES ON CAMPUS
Following is a list of companies on campus the week of October 26.
Bell Telephone Co. Limited
Steel Company of Canada
Canadian Westinghouse Co.
London Life Insurance Company
Canadian International Paper Co.
International Nickel Company
Northern Electric Company
British American Oil Company
Industrial Acceptance Corporation
Henry Morgan-Hudson's Bay Co.

(Signed)
(Mrs.) Ella M. Comuzzi
Placement Officer



Blood clinic hours

Tuesday, Oct. 27, and Wednesday, Oct. 28 - 1:30- 4:00
6:00- 9:00
Thursday, Oct. 29 - 9:00-12:00
2:30- 5:30
- 10:00-12:00
Friday, Oct. 30
Location: Recreation Room of Aitken House
Blood Clinic Committee: Co-Chairmen - Doug Brien and Mary LaFlair; Pre-Med Club and Nursing Society.



- GET A PIN
- GET A FREE LUNCH
- LIE BACK AND RELAX
- WATCH THE FUN
- SEE THE NURSES
- SEE THE BOTTLES
- FAST EFFICIENT SERVICE
- SIDE BENEFITS (?)
- FUN FOR ALL.

(PLEASE DON'T BE DIFFICULT)



GIVE BLOOD. IT CAN BE REPLACED ANYWAY.



UNB CHEERLEADERS SUCCESSFUL AGAIN AS 1964 FOOTBALL SEASON NEARS END

Gaiety trophy

All students in residence should go to Aitken House to register for their residence. Even if you are under 18 or cannot give blood, your registration will boost your residence percentage. Those who register will be counted as donors, those who don't, won't.

Remember, the Gaiety Trophy is up for grabs again this year. (Note: The results are all proportional to the number in your residence.)

Intramural Notice

Entries for hockey and bowling are now being received at the Athletics Department. The deadline for entries will be Friday, Oct. 23rd.

INTRAMURAL HOCKEY ENTRIES

Entries to be registered at the athletics department by Friday, October 23rd.

FEE

A registration deposit of \$15.00 per team will be charged. This will be refunded at the end of the season unless the team has failed to meet their obligations.

ELIGIBILITY

Students are eligible to play for their faculty within their own class. Classes or faculties not having sufficient interest for one or more teams may be combined with other classes subject to the approval of the Athletics Department.

Minimum on roster (15) fifteen.
Minimum at any one match (11) eleven.
Maximum dressed at one match (18) eighteen.

DEFAULTS

A team having less than eleven players at fifteen (15) minutes after scheduled game time on more than one occasion will be suspended from further play and lose their registration deposit.

INTRAMURAL BOWLING ENTRIES

Entries to be registered at the Athletics Office by Friday, October 23rd. Please signify the type of bowling you wish, (candlepins, five pins, duck pins).

FEE

A registration deposit of \$5.00 per team will be charged. This will be refunded at the end of the season

unless the team has failed to meet their obligations.

ELIGIBILITY

Students are eligible to play for their faculty within their own class. Classes or faculties not having sufficient interest for one or more teams may be combined with other classes subject to the approval of the Athletic Department.

TEAM COMPLEMENT

Teams must have at least eight players on roster and must have at least five in attendance for each string.

DEFAULTS

A team having less than five players on more than one scheduled date will be suspended from further play and forfeit their deposit.

CHARGE PLATES

(Continued from Page 1)

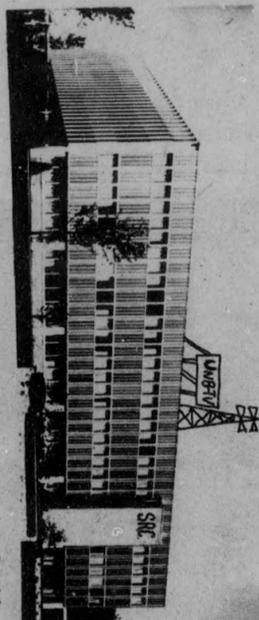
not to replace the present mode of meal cards) and perhaps in the Business Office.

Students leaving the university will be required to return their I.D. cards, unless the cards have expired. The cards will be effective for one year. If one is lost, the fine for replacement will be \$5.

The possibility of these cards replacing the present type of SRC card as student identification for student functions and discounts was mentioned. It was noted that the cost of establishing this card system would have been disproportionately large for the SRC on its own, but now there was no reason why the cards could not be used.

In any case we need not worry much. The cards will be used little this year, if at all.

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4. Among other benefits, highly competitive salaries and profit sharing.

Obviously, you need to know facts before making an intelligent choice of your career. We'd like to tell you more about us. Descriptive brochures are available at your Placement Office and company representatives will visit for interviews on

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for Regular Employment - graduating and post-graduate students

on **OCTOBER 28**

We invite you to arrange an interview through the University Placement Office

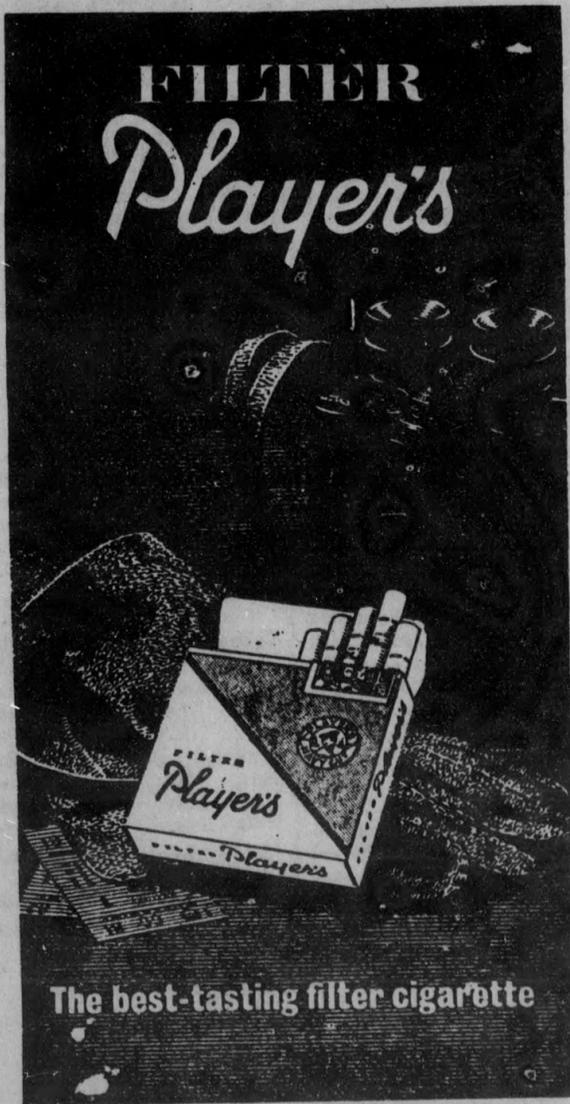
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FLYERS DROP BOMBERS 30-18

by Woody

Fredericton: The U.N.B. Red Bombers missed a chance at first place in the Atlantic Football Conference last Saturday afternoon when they were defeated by the hard hitting Shearwater Flyers 30-18.

Bombers received the kick-off but were forced to kick without gaining a first down. The Flyers took over on their own 53 yard line and five plays later Fournier crashed around left end for Shearwater's first touchdown. The Flyers never looked back.

Early in the second quarter Rick Logie broke through the tight Shearwater defense on an off tackle play for a thrilling 73 yard TD. UNB failed to make the convert. Flyers picked up 2 more points when a third down snap went high. Ross conceded the safety touch.

Nils Floran picked up his first TD. on a 11 yard dive. McBride converted.

Near the end of the first half Pete Harvey took in a short swing pass and with an amazing display of broken field running broke through the Flyer defenders for a 67 yard major.

Midway throughout the third quarter Clint Halfkenny hauled in a 14 yard TD. pass from McBride. McBride converted. On the Flyers next



Rick Logie drives for a few hard earned yards.

series of plays Floran climaxed a 59 yard drive by taking an 8 yard dive for a TD. McBride again converted.

Scoring was completed early in the fourth quarter when Harvey went wide, took advantage of a crushing block by John Kovich, and scored a 5 yard TD. Again the Bombers convert attempt failed.

The Bombers defeat was not due to any one factor. Three times the offensive unit, on a third down and short yardage situation, had to give up the ball. The opening kick off of the second half was short but the outside Bombers could not control the ball. Ironically the fine interceptions by Tony Dew

and Cliff Moore early in the game probably kept McBride on the ground where he was able to make consistent gains on wide plays. Only the fine defensive playing of Dew and Jim Malnerich kept the outside yardage gains by Shearwater respectable. U.N.B. also gave up six first downs on penalties.

Football Shorts...

Logie and Harvey, two of the finest backs in the A.F.C.

gained one third of U.N.B.'s yardage on two excellent runs... Dan Watters received a concussion during the ball game... Permission was granted to use Bob Cote, Number 77 as centre... U.N.B. failed to make any converts... Bombers had 52 offensive plays for an average gain of 7.3 yards while the Flyers picked up 5.7 yards on 60 plays.

Summary:

	Shear.	UNB
1st Downs	25	17
Passing	4	4
Rushing	15	10
Penalties	6	3
Passes Attempted	9	23
Passes Comp.	5	12
Penalties	4/45	7/90
Fumbles/Lost	0	2/0
Punts/Avg.	4/4.5	5/34
Fld. Goals/Good	1/0	0/0



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J.V.'s Tumble Swampies:

LeBlanc, Ross and Eddy Star

Last Saturday at The Swamp, the J.V. football team defeated the Mt. A. J.V.'s 21-6. The offense was led by the fine running of Darrell LeBlanc, Ross Eddy and Doug Ross. U.N.B.'s starry defensive unit held the opposition to only three first downs - two of which were awarded by penalties.

LeBlanc opened the scoring for U.N.B. late in the first quarter on a twenty-five yard romp off tackle. The convert attempt was unsuccessful. In the second quarter Fraser punted a single to give the Red and Black a 7-0 half time lead.

In the third quarter Mt. A. took advantage of a bad U.N.B. snap on a third down situation; the Garnet and Gold took possession of the ball fifteen yards from pay dirt. They sent their left end deep into the end zone on second down and the Q.B. hit him for a major. The convert was wide.

The fourth quarter was all U.N.B. - After a sustained downfield march Eddy bul-

lied his way off tackle for a 7 yard TD. He converted himself to put U.N.B. ahead 14-6. Several minutes later Rich Goodfellow blocked a punt deep in Mt. A. territory and U.N.B. took possession of the ball. Two plays later, from four yards out, Darrell LeBlanc wriggled his way through into the end zone to put the game on ice. Eddy converted. Final score 21-6, U.N.B.

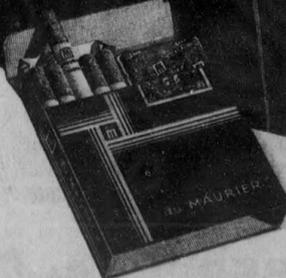
This victory was entirely a team effort. The J.V.'s play their next game this Saturday Oct. 24th, at College Field. The opposition will be the rough, experienced Lancaster Tigers.

Lineup:

Centres: Breedon, Grant;
Guards: Gillespie, Goodfellow, Jewett, Villard, Chedore, Thompson; Tackles: Beaumont, Tingley, Russel, Lang;
Ends: Mike, MacAleenan, Appleton, Patterson, McKinnon; QB: Thomas, Boyd;
FB: Eddy; HB: LeBlanc, Ross, Fraser, Hayes, Reeser; St. Louis, Herchmer, Towle, Bates.



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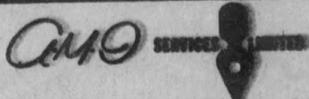


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Red sticks undefeated in five starts

The U.N.B. Redsticks remain on top of the Intercollegiate Field Hockey League having defeated the Dalhousie Tigerettes and the Acadia Axettes in weekend play.

In Friday's game the Redsticks posted a 4-1 victory over the Dalhousie team. The U.N.B. squad was not up to par during the first half of the game but in the last minutes of play they regained their ability. A breakaway goal by Dal's Sandra Skiffington with seven minutes remaining gave Dal a 1-0 lead but also lit a fire under the 'Sticks attackers. From then on there was no stopping the Redsticks. Pat Martin started things rolling as her drive from in close proved too hard to handle for the Dal. goalie. A minute later Martin added her second goal of the afternoon as she beat the two Dal. backs and rocked the ball into the cage. Gail Burke, the right inner, added an insurance marker from a scramble in front. With a minute remaining Barb Bray sewed the game up with a drive from the side.

On Saturday the Redsticks played one of their better games of the season when they defeated Acadia 5-0. The U.N.B. team got off to a fast start and maintained their inertial drive throughout the entire game. Barb Bray of the forward line was top scorer, picking up a hat trick with Gail Burke and Pat Martin each adding one. The Redsticks defensive line played exceptionally well in this game with special credit due to fullback, Anthea Allen, and goalie, Ellen Shapiro, who made several spectacular saves.

The Redsticks have completed their home games and for the next two weekends will be playing return games with Mt. A., Acadia, Dalhousie, and King's College. Mt. A. now holds second place in the league, suffering their only defeat to the U.N.B. Redsticks.

Competition is keen among all five teams in the league and the Redsticks will have to excel if they are to remain on top of the Intercollegiate League.

Defense: Janet Skelton, Sandy Phinney, Sally Smith, Linda Stubbs, Alexa Legris, Anthea Allen, Carol O'Neil, Ellen Shapiro (goalie).

Offense: Janet Hepburn, Barb Bray, Gail Burke, Joanne Taylor, Ann Donovan, Pat Martin.

Coach: Lorraine Gardiner.
Manager: Diane McKeigan.

NOTICE

Badminton will be held in the gym at the following times: Tuesday, 8:30-10:30; Thursday, 8:30-10:30; Saturday, 3:30-5:30.

Any inquiries should be directed to Dennis Valiquette, 475-8805.

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WRIGLEY REBUTTAL

October 19, 1964

The resolution that I presented to the S.R.C. on Monday, Oct. 5, stated: "The Students Representative Council of the University of New Brunswick wishes it to be made known to the S.R.C. of the University of Saskatchewan that it supports the right of academic freedom, but that it also recognizes the right of the Canadian government to investigate all individuals who may present a threat to our national security."

I would first like to answer Mr. Adams' extremist article entitled "The John Birch Society". He obviously did not comprehend the resolution, which made no attempt to tell him what's good for him or what opinions he can have and promote. In fact it clearly recognizes the right of academic freedom; it seeks only to maintain the principles of freedom and to preserve the kind of government that will recognize the democratic process.

For those of you who don't believe there is a Communist threat, I would like to recall a chilling prophesy made at the Lenin School of Political Warfare in Moscow some thirty years ago by a lecturer.

"War to the hilt, between Communism and Capitalism, is inevitable. Today, of course, we are not strong enough to attack. Our time will come in twenty or thirty years."

"To win we shall need the element of surprise. The bourgeoisie will have to be lulled to sleep. So we will begin by launching the most spectacular 'peace' movement on record. There will be electrifying overtures and unheard of concessions. The capitalist countries, stupid and decadent will rejoice to cooperate in their own destruction. They will leap at another chance to be friends."

"As soon as their guard is down, we will smash them with our clenched fist."

Even more recently, the now deposed Krushchev has threatened, "We will bury you!" and has publicly expressed the ambition to have the United States isolated and infiltrated by 1967.

Mr. Adams continued: "They say you've got to have an open mind, that you've got to be willing to compromise. There can be no compromise with evil." You are so right Nelson Adams! Certainly you must consider the slaughter of eighteen million Nationalist Chinese evil? The government of the United States of America has openly declared Communism as evil and has forced the American Communist party underground.

If we as Canadians are going to permit the Communist Party to function and even

promote it by inviting their top professors to lecture at our universities, then surely it is the duty of our government to protect us from the possibility of another China. This protection can only be assured by carrying out investigations of those individuals pledging allegiance to the World Communist Movement.

Mr. Clark in his "Don't play the goat gang" article also did not understand the resolution. I too support the sanity of freedom to speak and think as is personally desirable. Once again the purpose of the resolution is to lend support to the government in maintaining and preserving our system which recognizes these rights.

The interference of the federal government in this More-Nicolaev matter would not be a serious breach of Dominion - Provincial relations if any sense of harmony does exist presently. Clearly education is a provincial mat-

ter, but national defense is a federal concern. The World Communist Movement does threaten our country and therefore our government is justified in carrying out any investigations they find necessary: be it on campus or in any other section of the population.

Clark continues: "Wrigley is careless enough to mention that less than four per cent of the Russian population are members of the Communist Party; it is entirely plausible that A. B. Nicholaev, a professor in economics from Moscow State University is not a party member."

In conclusion, I would like to thank Mr. Clark for supporting my resolution. He clearly points this out by saying, "he should be investigated by the RCMP as one who contemplates and forwards such thoughts which are not consistent with the interests of the people".

In one other article "To a Noble Defense", Donn Atchison states: "The Communist Movement has been afoot in our country since the post-war period."

The above mentioned professor in this article will tell anyone who is interested in knowing the realities of Communism that all communist parties operate both a legal and an illegal party. Like the harmless top of an iceberg the legal party functions democratically, but concealed beneath the surface lurks the largest and most dangerous portion. Mr. Atchison goes on to admit that Communists are "dedicated men who believe in what they say and are generally better equipped to undermine our system than we are to defend it".

When you begin to find good qualities in your enemies, you are getting too old or too lazy to fight them.

I appeal to you, the students for your support.

John Wrigley

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THE OLYMPIAN



Education and human resources

Since we live in a dynamic society, there are always many problems in education, the solution of which brings up newer problems, and often more difficult ones. The post-war increase in the population, accompanied by the explosion of knowledge, the rapid development of technology, particularly in the areas of electronics, nuclear energy and jet propulsion, the growth of nationalism in the new countries of the world, the great increase in wealth, brought about by new discoveries and the increased use of power which have resulted in increased production per man hour — all of these have placed tremendous strains on the social and economic structures of all countries, including those of Canada. These conditions have complicated the ordinary problems of education; it is in the area of secondary education that the impact of these changes is greatest; secondary education literally bristles with difficult problems. No one can be engaged in education and not be aware of them; much has been done and is being planned to meet them.

It is becoming increasingly obvious that two main areas are of prime concern. The first

is curriculum — what to teach? The second is structure: what form or structure should the secondary school take to enable it to meet the demands of modern society.

National wealth is generally thought of in terms of natural resources. Economic development and planning have been concerned primarily with such resources as those of power, minerals, forests and agriculture. It is becoming increasingly apparent that human resources in terms of people — their health, abilities, skills, and education — are of equal, if not greater importance. The problem of manpower utilization and training has now been added to the many other problems facing educators. Since manpower training relates very directly to the field of secondary education, it is this area which is receiving most attention and in a sense has become the real centre of interest in education. The secondary schools hold the key to the solution of our manpower problems.

The increasing complexity of society is making it more and more necessary to plan the use of our resources. Logically, it would seem necessary to forecast the manpower needs and organize training programs to produce the required number of professional, technologists, technicians, tradesmen, and general workers. There are some educators who agree with this concept and would direct various percentages of students in streams leading to the training required. The Federal Department of Labour

Cont. On Page 2

Recreation and the UNB student

To every student, recreation has a different meaning. To some, it is the thrill of playing on a team; to others, it is the opportunity of expressing oneself through painting or dramatics; while to still others, it is sitting in the shade of a tree admiring the world about. These are but a few of the many activities recreation may entail.

Recreation has been defined as the worthy use of leisure. The above are all examples of just such worthy use.

What does recreation mean to us — the U.N.B. students? Recreation is coming to play an increasingly important role involving activities of a physical, social, and cultural nature. Our opportunities for different types of recreational activity on this campus are enormous — our gymnasium, swimming pool, and playing fields allow us to participate in numerous sports (physical aspect of recreation); the Red and Black, Winter Carnival, and the Drama Society, to name but a few, give us the opportunity for self-expression (creative and social nature of recreation); while the Art Centre and Library give us a chance for artistic and aesthetic appreciation (cultural nature of recreation).

Recreation plays an even more important role for the U.N.B. student. All of us realize that mental fatigue is just as tiring, if not more so, than physical fatigue, and that some time or another during the year will find ourselves suffering from it.

This is the time at which recreation can benefit us most. Instead of lodging ourselves behind the books, why not get out and do something to relieve the tension? Anything

will do as long as you are making worthy use of leisure (I emphasize "worthy" for the benefit of those who insist that spending all afternoon in a tavern is worthy activity). Through occasional recreation rather than through constant study, we will find an answer to mental fatigue. Remember that "all work and no play makes Jack a dull boy". Upon relieving this tension through an activity of a physical, social, or creative nature, you are able to return to the books with a refreshed mind.

As our student body grows, I am sure that the recreational program will expand. This expansion will require sound leadership and direction. I am sure faculty and students on this campus will continue to provide for this need as they have done so well in the past. The Administration must also consider this in their planning for the growing years ahead. The importance of recreation must never be ignored.

Doug MacAulay
Phys. Ed. IV

Physical education week

Monday, November 16th
6:45 p.m. - 11:00 p.m. — Sports Night

Tuesday, November 17th
7:30 p.m. — Room 146, Loring Bailey Hall — Show Night

Wednesday, November 18th
7:30 p.m. - 11:30 p.m. — McConnell Hall—Hootenany & Dance

Thursday, November 19th
7:00 p.m. — Eden Rock Motel—Banquet and Semi-Formal Dance

Our role in rehabilitation

Every physical educator should be aware of the role he can play in the physical, emotional, and social well-being of the physically handicapped. Physical education programs are an essential in rehabilitation centres. An adaptive program will aim to teach the basic motor skills leading to improved physical fitness and general body mechanics. It provides an opportunity for fun and satisfaction through activity and resulting success.

In order to improve the total physical fitness of the crippled individual, physical educators should work in conjunction with physio-therapists. The two programs should be deliberately designed to complement one another.

The physical educator must understand the cause and nature of each person's disability

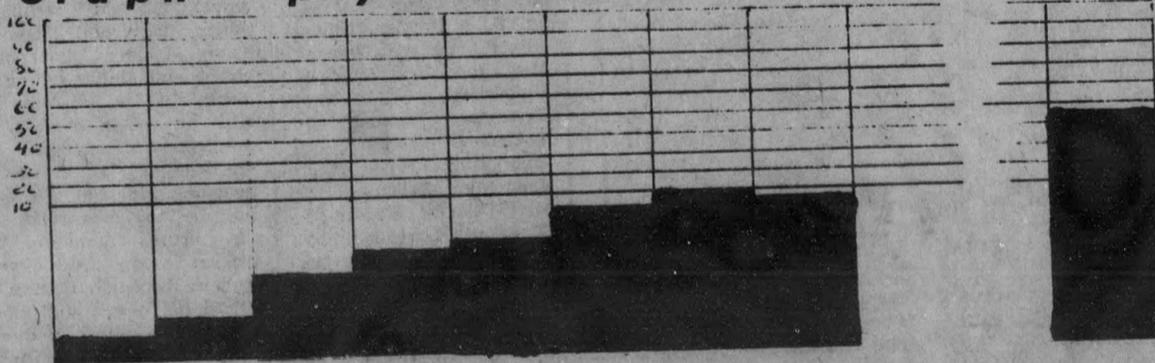
— also the effects of exercise (specifically adaptive) on each person's condition. Moreover, one must be aware of the psychological implications of each disability especially as they apply to specific individuals. Often, the disabled person has many emotional problems and is burdened with anxiety. Relaxation and self-confidence must be developed.

The physically handicapped person can participate in a wide variety of games and activities. However, individual adaptations must be made to suit different people. There are activities for all no matter how severe the disability.

Because physical education is important to the disabled person himself, it is an essential part of rehabilitation.

Jennifer Munro
(P.E. '64)

Graph - physical education enrollment



Percent figures based on total undergraduate enrollment of people seeking their first degree.

The pursuit of excellence

Mr. William R. Reed, Big Ten Commissioner in the U.S.A. presented many important views concerning "The Pursuit of Excellence" in physical education when he spoke in Saskatoon in July, 1962. I feel that what he had to say is of great interest to students of Physical Education, but of greater importance to the students of other faculties who may be interested in intelligently considering the role of sport in education. I have used Mr. Reed's deliverance as the basis for this article and all quotes contained herein are from his speech unless otherwise stated.

We are living in a world of change and ever increasing advances in man's knowledge. To keep pace with this advancement, educators are continually doing reappraisals of our education systems. Without discounting the vital importance of technological training, and development, a certain skepticism must be maintained as to "whether this reappraisal is simply to assist in the race to the moon, or is to serve our people and mankind, to reconcile ourselves to this marvelous new world that technologists are opening to us so that we may live in that world with a sense of security and well being that fulfills the promises of, man's age-old aspirations." Let us hope that it is the latter.

Many people criticize the role of sports in our educational system. They feel that the "vicious overemphasis" on competitive athletics is "seriously destructive to our entire educational structure". With the increased emphasis on excellence, many feel this emphasis on sport is "misdirected effort" and draws from the attaining of excellence in education.

"Now let us get one thing straight." We, as physical educators, "can be and are just as concerned as any others for the upgrading of school and college curricula, and for the elevation of the teaching profession. We are as devoted as any in the pursuit of excellence in our educational system."

A definition of education that is of great importance when considering the pursuit of excellence in education, is the one stated here in the words of Dr. Clarence Dykstra, President of the University of Wisconsin. "Education is the process that makes a mature adult out of a child. It is life itself. Everything that contributes to this process — observation, experience, association with others, the thinking process, formal and informal schooling, games and recreation, and the inspiration that comes from nature, from art, music and from every impact with the universe. Each of these affect different people in varying ways, some more, some less. The more sensitive one is to all these influences, the riper and richer is his education. Education thus becomes a lifelong enrichment of the individual."

Those who attack the role of sports in education are ignoring "The academicians in general look favourably upon the culture of the ancient Athenians. Do they forget that it was they who, to an extent rivalled only by the modern Russians, honored equally the scholar and the athlete."

What of Wellington's judgement that the battle of Waterloo was won on the playing fields of Eaton? What of the spirit of the English at Dunkirk and throughout the horrible days of the Battle of London? "As a result of the discipline of sport, an Englishman will keep struggling when everything his intellect can contribute shows it to be a lost cause."

General Douglas MacArthur has given a summation of the sports role in the American society; "Athletic sport — the game — has become a symbol of our countries best qualities — courage, stamina, co-ordinated efficiency. Many believe in these cynical days of doubt and indecision that through sport we can best keep alive the spirit of vitality and enterprise which has made us great. It is a vital character builder."

Returning to Mr. Reed's text, he continues: It is a vital character builder! Over the years and sneers we have too often heard let us mark that. Let us not forget that as we examine our national purpose. Let us make clear to America why it is that we as people so prize excellence in sports. It is because in sports one is accepted on merit alone, and merit in sports is not only a matter of skill but of character.

"These are the facts! The lessons of sport stress and consequently develop loyalty, fundamental concepts of right and wrong, meaning of self-sacrifice and a realization that adversity is not a personal thing but only something to be overcome."

This type of character is illustrated by such Canadians as Doug Rodgers, Harry Jerome, Russ Jackson and others who do so much for the Canadian character. Athletic sport — the game — should be at the root of that which is best in Canadian character.

"Indeed I would answer those who decry an alleged over-emphasis on sport in our school systems and society by asking in what other halls are those lessons being taught or taught so well."

Sports provide physical fitness, yes, and our nation needs that. But of equal or greater importance is our mental and spiritual fitness, that is "the toughening of our fibres for this age which is so awesome and so challenging as even to threaten our national existence unless we are completely prepared for it."

"Sports and a love of sports, are truly a part of our pursuit of excellence for they teach us the qualities of spirit that are as vital to our future as the anti-missile."

We, as physical educators, believe in the need of sports in our culture to attain excellence — physically, mentally, and spiritually. We must take this belief to the Canadian public through our educational process in the most excellent way possible that we may reduce our critics to few and increase our excellence of Canadian character to the highest level possible.

RECREATION



BUT I ENJOY FISHING!

Cahper - 1965

The Physical Education Department has been chosen to host the 16th Biennial Convention of the Canadian Association for Health, Physical Education and Recreation. Some 400 to 450 delegates from all parts of Canada and the Eastern parts of the United States will convene at U.N.B. from June 21st to 23rd inclusive when this national body holds its convention in the Maritime area for the second time in its history.

The University of New Brunswick was selected as the site of this coming year's Convention because of the tremendous growth in its degree program and because of the contribution which its staff and graduates have made to physical education, athletics, and recreation in all parts of Canada.

Some forty sessions will be held during the three-day convention featuring speakers from Canada and the United States, from universities, provincial, state and federal departments, and from high schools and recreation organizations. Among the speakers who have already indicated that they will be on hand are:

- Dr. Glen Olds, President of Springfield College, Mass.
- Dr. Del Oberteuffer, Ohio State University.
- Miss Bonnie Prudden, New York.
- Mr. Roger Dion, Director of Fitness and Amateur Sport, Ottawa.
- Prof. W. J. L'Heureux, University of Western Ontario.
- Dr. W. D. Smith, University of Alberta.
- Dr. F. J. Hayden, University of Western Ontario.
- Miss Rose Hill, McMaster University.
- Miss Anne Turnbull, Queen's University.
- Miss Toni Proyer, Truro Elementary Schools.
- Miss Dorothy Walker, Dartmouth Schools.
- Miss Michelle Fleury, University of Ottawa.
- Dr. Stewart Davidson, Montreal Protestant School Board.
- Mr. Jack Pearse, Ottawa.
- Mr. Doug Riley, Rosemere, Quebec.

—Mr. Michael Palko, Department of National Health & Welfare, Ottawa.

Physical Education undergraduate students will be asked to assist with this Convention and it is expected that the Undergraduate Society will play a major role in this program which will bring so many outstanding physical educators to the U.N.B. campus.

Dr. J. W. Meagher
Physical Education

EDUCATION

Cont. from Page 1

seems to be thinking along this line in giving special emphasis to trade and technical training. Some general plan and careful forecast is required; the degree to which this can and ought to be done is a matter of dispute.

There are others who approach the problem from the point of view of the individual. They would attempt to identify abilities and direct the interests of students into the kinds of work and activity in which they can succeed; they would let the results fall where they will. These educators believe that natural choice and ability will fill the needs, that in any case there will be much overlap, that predictions of manpower needs are likely to be, at the best, guesses, and that we should not be too concerned about the actual numbers being trained in any area. Give the student thorough training suited to his needs and abilities and he can adjust to the jobs that are available. The primary concern here is with the individual. A thorough job must be done whether we pro-

To qualify personnel

The Fitness and Amateur Sport Act provides for an allocation of up to \$5,000,000 annually to encourage, promote, and develop fitness and amateur sport in Canada. A total of \$2,000,000 was made available under the Act for the fiscal year 1963-64; and the amount was increased to \$3,000,000 for 1964-65.

The program administered under the Act is divided into three main parts: (1) federal grants made directly to national organizations, for purposes of national interest, or for post-graduate training and research; (2) services provided by the Department of National Health and Welfare; and (3) grants-in-aid to the provinces, to assist in the development of services at the provincial and local level.

Although the program has not yet been in operation long enough to make possible any evaluation of its long term results, there is evidence that it has already been responsible for substantial progress. Aid to the training of coaches is being reflected in considerably improved coaching methods in a number of sports. Substantial contributions have been made to assist Canadian participation in international sports events and in national competitions. Substantial assistance has been given to organizations, such as the Y's concerned with non-competitive fitness activities, in the undertaking of projects which have considerably enlarged and improved programs. Aid given to fitness research, and the enlistment of the services of people with expert knowledge in this field in an advisory capacity, has brought a new dimension, scope and vitality to this fundamentally important aspect of the program.

Cont. On Page 3

vide for specialization or a general education in our secondary institutions. The thinking in the Atlantic area seems to favour the view that the interest of the individual is paramount. Perhaps this is because this area has exported its manpower — trained or untrained.

The Atlantic area has suffered because of relatively scarce natural resources, handicaps of location far from the centres of population, and because of the fiscal and trade policies established by a central government, which has not always been too concerned with its impact on this area. The area has been an exporter of human resources since Confederation. There are many who resent this, and it is hoped that with recent expansion in the mineral and forest industries and with the drive to expand secondary industries, more of our young people will find employment in the area. Regardless of whether this happens or not, it is obvious to us that our educational institutions must meet the demands of modern industry whether at home, in other parts of Canada, or abroad.

Dean R. J. Love
Faculty of Education

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Physical education versus public opinion



One of the Canadian Thalidomide victims who may be helped by Rehab Research.

A NOTE OF APPRECIATION

Rehabilitation research

I am delighted to have this opportunity to explain our myo-electric control research, and to acknowledge the invaluable assistance of members of the student body. It is fitting that this acknowledgement appear in the Physical Education issue of the Brunswickian for it is students in Physical Education who have volunteered in greatest numbers for this work.

To get a better understanding of the reasons for our work, try to imagine the feeling of futility which must attack a man who is totally paralyzed below the neck, or the future faced by a child born without either arms or legs. It is for these persons, and many thousands with lesser disabilities, that we are attempting to achieve better appliances.

One serious limitation on the versatility of appliances for these persons is their inability to control more than one or two functions by mechanical means. For example, a child without arms may control the operation of a hook and possibly elbow flexion, on an artificial arm — but not more. (Try eating some time with no motion except your thumb and elbow). Our research is an attempt to develop an alternative and more versatile control means.

In a myo-electric control system, the very small electric potential which accompanies a muscle contraction is used as the control medium. Our research has included design of suitable electronic hardware for such a system, studies of various possible electrodes for making connection to the patient, and studies of the ability of a human to control this electrical output of individual muscles.

Our volunteer subjects have found the work interesting and rewarding, but we must acknowledge that having up to thirteen hypodermic needles inserted into various parts of one's body in one session is not the most pleasant experience. Also, this work has consumed that valuable commodity, free time.

To all our subjects, then, may we express our sincere appreciation for a very worthwhile contribution to our research.

R. N. Scott
President,
Technical Assistance
and Research Group
for Physical Rehabilitation.

P.E. Co-ED

Physical Education co-eds, taken as a group, seem to have a very definite idea of where they are going. For women especially, a relatively open and widely varied field of opportunities awaits the graduate.

The greatest majority of this group are primarily interested in teaching at either the elementary or secondary school levels. They are by no means limited to this, however, and some will enter fields such as university coaching, recreation administration, and rehabilitation, to mention but a few.

Although qualified professionally in varying degrees for each of the above, success will be realized only to that degree in which the Physical Education co-ed possesses one further vital characteristic — a genuine interest in and concern for the total well-being of the people she serves.

Pat Martin
P.E. IV

Who are the most well known groups of people in Canada and the United States? It is plain that more people know who Bobby Hull, Russ Jackson, Mickey Mantle, and Bill Crowthers are than who are familiar with such persons as A. Y. Jackson, John Draine, Bruce Hutchison or Max Beerbhom. What sort of clubs do people belong to other than such organizations as the Masons, the Lions or the various Legions and Service clubs? A great many adults spend their weekends and one or two evenings a week bowling or curling; and thousands play golf or belong to the YMCA or to a Health Club. Furthermore, there is only one section in a newspaper which is devoted to a single area other than advertising — and this is the sports section.

All this indicates that sports, whether there be active participation or mere spectating, are of just as great interest, if not more, to the public of North America, as is politics or the Arts. Certainly, some people take no interest in sports or activity of any kind, and this is their privilege; but nonetheless it is still very evident that such things as the Grey Cup, the Stanley Cup, and the Major League Pennant would have long since become obsolete were it not for the nation-wide interest and sup-

port which keeps them so very much alive.

And yet Physical Education does not bring forth the same feeling of enthusiasm from people in general. The profession is put on a slightly lower level than academic teaching — this latter is at least respected to some extent; but often the intelligence of the people in the Physical Education field is questioned and even doubted. There seems to be a trend — perhaps a better word is "fallacy" — nowadays, for people from the uneducated layman to the college professor to assume that those who take up the physical education of children as a profession are automatically too stupid to do anything else.

A Physical Education student graduates with a Teacher's Licence and a Bachelor of Physical Education. This latter is a professional degree. He specializes in a particular form of education, and because he works in a gymnasium rather than in a laboratory, and trains and educates children's bodies — and minds — instead of doing work and research in science or literature does not mean that he is of an alien race with the main characteristic of muscle.

This attitude which is found in public and social circles is admittedly directed at the individuals in the profession

rather than at the profession of Physical Education itself. For the most part, people realize the need for physically fit youngsters, because it is these youngsters who will be running our nation in the next generation; but still Physical Education is a field which is accepted and approved of, but not respected or honoured, or recognized on the same level as other professions.

Perhaps the reason for this is because it is a new field, and because ours is a scientific and atomic age. There is far more concern about how long people are going to live than there is about how well they are going to live. Another reason may be because Physical Education is an integral part of child education and therefore not to be considered above the pushing, present-day, adult matters. The Government has voted a large sum of money to be spent on sports and athletics and in physical training. Out of this, Canada may get a better Olympics team — but is this providing city-bound school children with activity for normal and healthy growth?

The anti-Physical Education faction in our communities is a strong one because it is an ignorant one. It is one of our duties as the Physical Educators of the children of these communities to try to show their parents and the citizens in general how our programs in the schools build better adults through physical and mental development in the area of games and sports.

Facts and graduates

The Bachelor of Physical Education degree program at U.N.B., now in its eighth year of operation, has, to date, graduated 108 students.

It is interesting to note that from 1957 —

- 2 graduates have been appointed to positions of high school principals.
- 5 graduates have been awarded post-graduate scholarships by the National Department of Health and Welfare valued at \$2,000 each.
- 1 graduate has been named to the position of provincial supervisor of physical education.
- 8 graduates have earned Master's degrees at Canadian or American universities including Western Ontario, Alberta, Maine, and Oregon.
- 5 graduates have been appointed to positions on university staffs: U.N.B., Wisconsin, McMaster, Manitoba, Acadia.
- 9 graduates have been elected to executive positions in provincial or regional professional associations.
- 15 graduates have subsequently earned either the Bachelor of Arts or Bachelor of Education degree.
- U.N.B. has been the site of one Maritime physical education convention, three provincial conferences on health, physical education or recreation, nine provincial coaching clinics, four regional coaching clinics, one national coaching clinic, and will, in 1965, host for the first time a national professional convention.

However, on the opposite side of the ledger, it should be noted

- that —
- The staff-student ratio has become progressively worse in that in 1957-58 the ratio was one staff member for every 22 students; in 1960-61 the ratio was one staff member for every 41 students; in 1963-64 the ratio was one staff member for every 66 students; and in 1964-65 the ratio is one staff member for every 75 students.
 - On the basis of the above, the full-time physical education staff should number ten if the 1957-58 ratio were to be maintained instead of the three full-time and two one-quarter-time staff members now in the employ of the university.
 - The facilities available for instruction in 1964-65 are identical to those which existed when the program began in 1957 despite the fact that the university student body has more than doubled and the physical education enrollment has gone up 1000 per cent.

PERSONELL Cont. from Page 2

During the year, grants in excess of \$1,000,000, or over fifty per cent of the total funds available, were awarded to forty-three national sports governing bodies and to agencies and organizations operating national programs.

Considerable impetus has been given to the advanced academic training of physical education and recreation leaders and in assistance to young people entering courses in physical education or recreation, through the bursary and scholarship program. The scarcity of professionally qualified personnel in the fields of physical education and recreation has necessitated special attention to the scholarship program.

Three types of grants-in-aid for professional study were provided under the Act: post-graduate scholarships designed to assist superior students to progress towards the Master's and Doctorate degrees in Physical Education or Recreation; Post-Doctorate Research Fellowships designed to assist persons already holding a Doctorate degree in Physical Education, significant contributions in the fitness research field and outstanding research personnel in the same field; and Special Fellowships de-

(Cont. On Page 4

TO STAND TRIAL BY BALLOT — THE FOLLOWING EVIDENCE TENDS TO INCRIMINATE ALL FIVE.



Joan O'Connor (alias "the Dancer")
Description:
ex-T.C.er
majorette
Frederictonian
last seen with a Forester



Ann Armstrong (alias "Mono")
Description:
ex-patient
Torontonion
Secretary of Physical Education
Society
majorette
last seen with an Engineer



Pam Hutcheson (alias "Porky")
Description:
ex-Artsman
volleyball manager
Quebecer
Intramural Floor President
last seen in a white Volvo



Gwen Hills (alias "Speedy")
Description:
Haligonian
volleyballer
basketballer
last seen with a broken softball
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Linda Rejall (alias "Dizzy")
Description:
ex-Bus. Adder
cheerleader
figure skater
often in pink
last seen doing the monkey at
a football party

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PERSONELL
Cont. from Page 3

signed to assist trained personnel in the fitness and amateur sport fields to carry out studies of administrative or other related problems.

While the full impact of the scholarship program cannot be accurately determined as its results are long range and often intangible, there is no doubt that it has materially assisted in providing the senior teaching staff required to produce the increased number of persons with professional academic training who will be required as the program expands. The shortage of qualified teachers in physical education and recreation has been one of the principal limiting factors in the development of a full program in Canada.

Prof. G. B. Thompson
Physical Education

PHYSICAL EDUCATION QUEEN

THE OLYMPIAN

EDITOR-IN-CHIEF Peter King
BUSINESS MANAGER John St. Louis
TECHNICAL ADVISORS Brunswickan Staff
LAYOUTS John Wheelock
STAFF WRITERS -
Don Eagle
Pat Martin
Doug MacAuley
Jennifer Monro

Special Thanks to: Dean R. J. Love, Professors Meagher,
Thompson and Scott

The department of Physical Education was established on the U.N.B. campus in the fall of 1957. With an original enrolment of 35 members, it has risen to a point that the present enrolment of 260 students makes it the largest department of its kind in Canada.

REWARD

PHYSICAL EDUCATION CARNIVAL QUEEN

N. B. Case to be later referred to the supreme court

THE ENGINEERING SPECTACULAR

BARB RAMSEY ELECTED QUEEN



Miss Engineering

Barb Ramsay, an 18 year old, second year Arts student from Bathurst, N. B. has been elected Engineering Queen. She is a member of the Drama Society, a majorette and secretary of the Tennis Club. Barb, who has an interest in writing and teaching, plans to major in English and History.

Having been selected from a group of five candidates

Barb will be crowned at the Engineering Formal at the Eden Rock by Miss Pat Pullen, last year's Engineering and Winter Carnival Queen.

Barb and the other princesses will be involved in various Engineering Week activities including "meet - the - prof. - night". Barb will drop the first puck at the opening hockey game of the season and present trophies of the Engineering Society.

For all to see

Open house

Engineering Week is quickly approaching. For the Engineering faculty, this means guest speakers, a formal dance at the Eden Rock Motel, a banquet, Open House, the Senior Engineers Party, Sports Night and so on. However, to the rest of the students at U.N.B. and even to some Engineering students themselves Engineering Week's most important event should be 'Open House'.



SCENE OF "OPEN HOUSE" NOVEMBER 19

Engineers are notoriously proud of their profession and I think rightfully so. As you know, man has made giant strides in every direction during this century. Engineers have been directly involved in practically every major scientific discovery of our progressive society during this 'Second Renaissance'. They have not been satisfied with only improving old methods. Many of these new processes and discoveries together with the time-proven methods will be on display during 'Open House'.

We don't contend that Engineering is 'end all'. But it does play an important role in our society. So why don't you come and see a branch of our Society at work on Thursday November 19th between 2:00 P.M. and 5:30 P.M. or between 7:00 P.M. and 10:30 P.M.

The week's events

In past years Engineering Week was held during the latter part of January, just before Winter Carnival. This year it has been moved into the fall term. So come on Engineers and take part in the events of the week. Engineering Week will begin officially with the Wassail on Saturday, November 14th. Plans are to have a guest speaker. Senior Engineers party will be held at the Lord Beaverbrook Hotel at 9 p.m. Featuring the Internationals.

On Monday November 16 a film "Doctor at Sea", starring Brigitte Bardot and Dick Bogart will be shown in the chemistry auditorium. Shows start at 7 and 9 p.m. No admission.

On Tuesday November 17, Mr. Ottis Logue and Mr. Bob Neill will speak to the Freshmen and Sophomores in Memorial Hall at 10:30 a.m. The topics of their talks will be "The Engineering Profession", and "The Engineering Institute". These are well known local Engineers and businessmen and their talks should prove very interesting and informative. Some Senior Engineers will give short talks on interesting summer jobs. These talks will be geared to familiarize students with what they can expect and look for in a summer job. At 1:30 p.m. in Memorial Hall representatives

from the Association of Professional Engineers of New Brunswick will speak to the remainder of the Engineering students on "The Engineering Profession". At 8 p.m. in the Student Center a social evening "Meet Your Profs" will be held. This is an opportunity for the engineering student to meet his professors on a Social basis. Highlight of the evening will be a skit put on by some of our more courageous profs. During the evening the Engineering Queen and Princesses will be introduced.

Wednesday November 18 is Sports night. Water Polo will be played against the Phys Eds. and Co-eds. The annual Forester-Engineer Hockey grudge match will be held in the rink at 9 p.m. A dance will follow in the rink canteen.

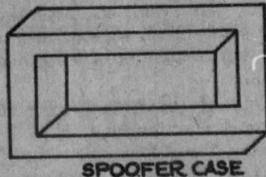
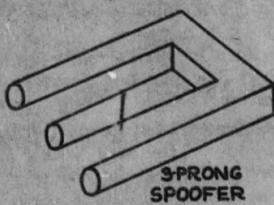
Thursday November 19, will be open house. From 7-9 p.m. a soccer match will be held at College field between the Engineers and Foresters.

Engineering Weeks ends on Friday with the Engineers Ball, which will be held at the Eden Rock Motel.

All the committee chairmen have put forth a tremendous effort to make this the best Engineering Week yet. If you don't have a date, get busy. We hope that you will enjoy all the functions.

This Week:

STRESS ANALYSIS OF A STRAPLESS EVENING GOWN (SEE PAGE 4)



MACHINE SHOP NIGHTMARES

SEE PRINCESSES PAGE THREE

Schedule of events

Day	Date	Time	Event	Place
Sat., Nov. 14		6 P.M.	Wassail (Speaker)	Capital Winter Club
		9 P.M.	Senior Engineers Party	Lord Beaverbrook Hotel
Mon., Nov. 16		7 P.M. &	Films Night	Chemistry Auditorium
		9 P.M.	"Doctor At Sea"	
Tues., Nov. 17		10:30 A.M.	Speakers for Freshmen & Sophomores	Memorial Hall
		1:30 P.M.	Speakers all Engineers	Memorial Hall
		6:00 P.M.	Meet your Profs	Tartan Room & Lounge in Student Center
Wed., Nov. 18		7-9 P.M.	Water Polo Relay Races	L.B.R. Pool
		9-10 P.M.	Hockey Dance	L.B. Rink
Thurs., Nov. 19		2-5:30 P.M.	Open House	Engineering Bldg.
		7-10:30 P.M.	Open House	Engineering Bldg.
		7-9 P.M.	Soccer	College Field
Fri., Nov. 20		9 P.M.	Engineers Ball	Eden Rock Motel

Dean's message

The Engineering Week program, organized by the Engineering Undergraduate Society, will form a part of the extra-curricular activities of the Fall term. A new feature of the program this year is a competition between the students of each Department in the preparation of displays illustrating some phase of their branch of Engineering. Increasing emphasis is also being placed on the use of Engineering Week as an extension of the Freshman Orientation program to introduce First Year students to the general concepts and particular emphasis of the various branches of the profession. It is hoped that the members of the Society will fully support their Executive in carrying out an effective and well organized program during the week and that the First Year students will take advantage of the opportunities for the broadening of their knowledge which it affords. In particular, I heartily recommend "Open House" which will provide many specific examples of the type of work in which the students of the various Departments are engaged.

After several years of approximately constant undergraduate registration, it now seems certain that our numbers will increase considerably in the years immediately ahead. The Freshman class is the largest since the immediate post-war years and approximately 50% larger than that of recent years. Because we expect that this trend is likely to continue, enrolment in Engineering could increase to a thousand students by 1968. In addition to these undergraduates, our facilities will be required to accommodate an increasing number of graduate students and meet their research needs. At the present time we have reached, in most Departments, the upper limit of the number of graduate students who can work at the graduate level.

To provide a very considerable increase in space for this Faculty and to make possible many badly needed improvements and additions to our facilities and services, planning is now in progress for an addition to the Engineering Building. Present objectives are for construction to begin in the spring of 1966 and occupancy to occur by September 1967.

Until this addition can be completed, it will be necessary to limit graduate registration to about its present level and to continue the improvisation and multi-use conditions which exist in many areas.

With the recently announced indications of industrial expansion and economic advancement in New Brunswick and an unprecedented demand for our graduates by Canadian industry generally, the development of a well-equipped facility for engineering instruction and research at this University becomes increasingly urgent. It is confidently expected that many of today's undergraduates will enjoy the benefits of this development before their graduation.

J. O. DINEEN, Dean

Chokers

Overheard in the E.E. Lab:

'Take hold of that wire.'

'This one?'

'Feel anything?'

'Nope'

Then don't touch the other one. It's carrying 5000 volts.

An American girl, answering a loyalty questionnaire was asked: 'Can you explain your sojourns in other countries?'

Her eyes flashed with anger as she answered: 'I once attended the University of Heidelberg. Does that make me a German? I spent six months as an art student in Russia. Does that make me a communist? I even spent four in the Virgin Isles.'

The Editor has been requested to print 'The Engineering Spectacular' on softer paper.

The professor rapped on his desk and shouted: 'Gentlemen — order!'

The entire class yelled: 'BEER!'

The doctor was advising the new parents on the care of their first born.

'Remember', he said, 'boil everything before putting it in the baby's mouth.'

'Gosh honey,' said the new father, 'no wonder you insisted on putting Junior on a bottle.'

The sports car owner was giving his first ride in one of the low-slung models.

The friend appeared to be puzzled, so the driver asked what was wrong.

'I can't figure out what the long wall is that we have been passing.'

'That's no wall', snapped the driver, 'it's the curb'.



"SO MUCH DONE BY SO FEW FOR SO MANY"

From the president

One of the principal objectives of our Engineering Week is to focus the attention of the entire campus on the Faculty of Engineering. It also serves another major purpose and that is to make engineers aware of themselves and their place in the society around them. All too often student engineers allow their identity as soon-to-be professionals to falter. There seems to be no distinctive pride in their chosen vocation or rather, there seems to be no willingness to work towards achieving any other than an individual goal.

Could it be that these students are not aware of where their education is leading them or what being an Engineer means? Do they know that Engineering is a very youthful profession; that Engineering as we know it started only about 350 years ago and that its evolution to the modern concept was so slow that over 80% of all the Engineers who ever lived are alive today.

Up to about the 17th century man was able to build rudimentary structures, bridges, and roads he knew a few principles and used his ingenuity to adapt these principles to his use. This was not, however, Engineering, because he didn't really understand his problem or try to analyze them.

Galileo was probably the first Engineer. He used cause and effect relationships to develop new theories and put them to work for the benefit of mankind. He realized essentially the same ideals as motivate our present day Engineering leaders.

One of the first Engineering schools was founded in 1792 at Paris. The Ecole Polytechnique that a four year program of training was required in order that a man could become a pro-

per Engineer. This school also established our present day system of lecture/laboratory study. At Ecole Polytechnique the student spent two years studying basic mathematics, physics, and chemistry and then studied two years at a school of Mines, Roads, or Bridges.

In those days only two real fields of Engineering were available; Military and Civil Engineering. Soon however, the advent of steam power stimulated manufacturing of all kinds and Civil Engineers specializing in machines became known as Mechanical Engineers. Later parallel developments in the electrical power field formed a basis for Electrical Engineering and alter again the demand for synthetic products and the discoveries made in pure chemistry allowed specializing in this area and the field of Chemical Engineering was born. As man's requirements and desires became more sophisticated the demands on Engineers forced more specialization and resulted in the large scale diversification of Engineering fields as we know them now.

Considerable progress has been made during the present century in formulating scientific principles and associating them with Engineering practise. Whereas formerly Engineering had been largely empirical and there was little inter-relationship of the various fields, soon these basic scientific fundamentals began to encompass all the various Engineering disciplines. Thus there arose a greater need for communication between Engineers, and so as dictated by these needs a parallel development of the "Engineering Society" took place.

This movement towards organized Societies has brought all Engineers, both professional and undergraduate together as

a great fellowship in scores of organized branches. The concept of organized societies was established, not to foster an exclusive "caste" of Engineers, but rather to bring about a medium for social and professional association. A wide publication and free exchange of technical experience was called for and, more important, a program to encourage young Engineers and students was to be actively followed. And finally much emphasis was placed on social comradeship as an aid to technical and professional relationships. These ideals are essentially the same ideals to which all organized Engineering Societies accrue but the most important concept of all is the concept of voluntary participation.

The word "voluntary" is defined as any act or performance not compelled or imposed by another. The "voluntary concept" is exemplified by all the great works of art, literature and music; by the great scientific and medical discoveries; by the great development of legal and governmental systems; in all ages and by all civilizations. All of these things came about by the conception of ideas and the voluntary application of these ideas either by individuals or by associations of individuals.

All organized societies such as our own Engineering Undergraduate Society, have flourished only to the extent that individual members have contributed — not only as ordinary members but in the active creating of new ideas and in the pursuance of the outcome of these ideas. Voluntary work is the underlying force in all organized societies. It is this voluntary concept which leads to the greatest achievement and greatest enjoyment of the society.

Active participation in his Engineering Society can lead to material development of the individual since as he contributes his ability to contribute grows. When a realization of the role of his Society in his career is attained, the individual member has reached the most effective portion in the development of his maturity and character.

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THE
SPECTACULAR

Formal

As most of you already know, The Engineering Formal is to be held this year on Friday, November 20th. For those who went last year I think you will agree that it is not only the highlight of engineering week but one of the hottest social events on campus. This formal promises to be one of the best ever. It will be held from 9 p.m. to 2 a.m. in the ballroom of the Eden Rock Motel and the music will be supplied by the 'Top Six' from Gagetown. This group has proven themselves to be one of the most versatile in the business.

Last year's decorations were by far the best ever. They will, however, be surpassed this year. One of the features of the ball will be the projects on display by the five departments. Free tickets to the formal will be given to the designer and the professor supervising the project. The winning display will be announced at the formal. Decisions by the judges will be based on originality, technical detail, appearance, and other aspects.

One of the highlights of the evening will be the crowning of our new Engineering Queen for 1964-65, Miss Barbara Ramsay.

Tickets will be on sale at \$2.50 per couple in the engineering building well before the formal event. So don't wait, don't even hesitate; get one soon. See you all at the formal.

**Dresses And
Stresses
Page Four**

The pretty princesses



These are the Engineering Princesses, without whom we could not have had our week . . .

Faith Grey

Faith is a 5'6" green eyed blond Arts student who is a recent recruit from the Phys. Ed. faculty. Another refugee from Upper Canada, she is 18 and active in campus affairs. She is this year's campus co-ordinator and a veteran of the Red & Black "Leg Line". Upon graduation, Faith plans to embark upon a career in retail buying.

Joanne Taylor

Joanne Taylor, from Westmount, Quebec is a student in second year Phys. Ed. Extra curricular activities include Varsity Field Hockey, 2nd year rep. to Phys. Ed. Society, member of Ski Club.

Interested in all sports, mainly skiing, she likes to listen to music of almost every sort.

Meta Kitchen

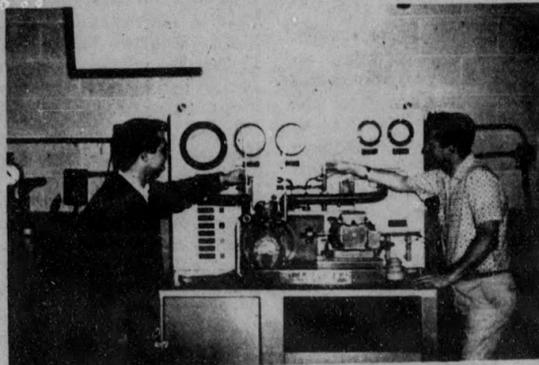
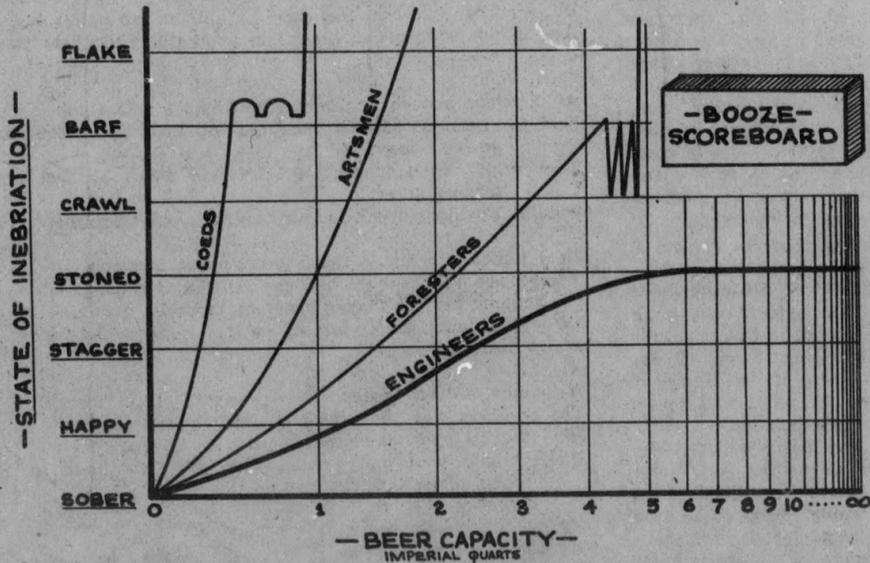
Upon graduation from Provincial Teacher's College last year, Meta decided to enter Physical Education as a freshie-junior. This Frederictonian enjoys riding, swimming and water skiing. Her spare time is spent at the Y.M.C.A. teaching synchronized swimming or at majorette practice. Meta hopes to go into the Red & Black this winter and also to join the Ski Club. Her future plans are for YMCA work.

Joan Kelly

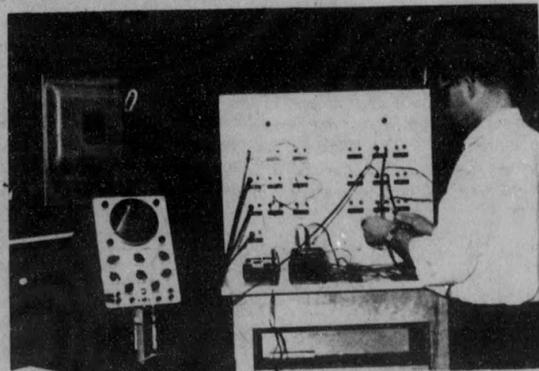
Joan Kelly is an 18 year old second year Arts student from Kingston, Ontario. Joan was Freshman Queen last year. She participated actively in Red & Black and is an avid member of the ski club. She has ridden competitively and is very interested in horses, so if you have four legs, you've got it made! All kidding aside, Joan is an industrious student and has tentative plans for a career in social work.

Truth

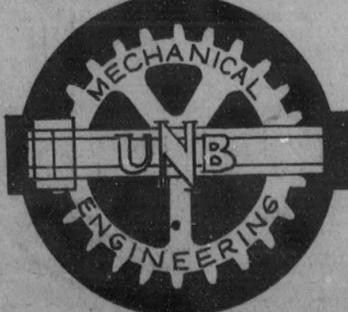
An artsman knocked at the Heavenly Gate,
His face was scarred and old;
He stood before the man of fate
For admission to the fold.
"What have you done?" St. Peter asked,
"To gain admission Here?"
"I have been a lowly Artsman, sir,
For many and many a year."
The pearly gates swung open wide,
St. Peter rang the bell;
"Come in and choose your harp," he said
"You've had your share of hell."



CHUCK COUTTES, REFRIGERATOR, DAVE FRASER



A TYPICAL SCENE FROM "OPEN HOUSE" WITH DAVE MacLAREN



A stress analysis of a strapless evening gown

by CHARLES E. SIEM

Since the beginning of recorded history, the human being has worn some sort of clothing either for protection or warmth. However, the present trend among the "fair sex" is to wear clothing not for protection or warmth, but solely to attract the attention of the opposite sex. To be more specific, it is through the use of clothing that the female most effectively catches the eye of the very appreciative but totally unsuspecting male.

A variety of methods are employed to bring about this libido-awakening infliction on the poor male. One very popular method employed by the female is to wear transparent, or seemingly transparent cloth to good advantage in certain areas. A common example is the transparent nylon blouse. Another powerful attractant is the tightly fitted garment. A well-known example of this type of weapon is the sweater. Yet another provoking method is by actually reducing the extent of body surface covered by cloth. A good example of this method is the modern bathing suit (e.g. Bikini). A delightful device which has sufficiently aroused the masculine sex is the use of durable but fragile-appearing cloth which gives the impression that at any moment the garment will slip down or that, better yet, certain parts may slip out of place. The best example of this method of attracting the attention of the weak and susceptible male is the strapless evening gown.

Effective as the strapless evening gown is in attracting attention, it presents tremendous engineering problems to the structural engineer. He is faced with the problem of designing a dress which appears as if it will fall at any moment and yet actually stays up with some small factor of safety. Some of the problems faced by the engineer readily appear from the following structural analysis of strapless evening gowns.

Since these evening gowns are worn to dances, an occasional horizontal force, shown in Fig. 2 as H , is accidentally delivered to the beam at the point c , causing impact loading, which compresses all the fibers of the beam. This compression tends to cancel the tension in the fibers between e and b , but it increases the compression between c and d . The critical area is at point d , as the fibers here are subject not only

to compression due to moment and impact, but also to shear due to the force S ; a combination of low, heavy dress with impact loading may bring the fibers at point d to the "danger point".

There are several reasons why the properties discussed in this paper have never been determined. For one, there is a scarcity of these beams for experimental investigation. Many females have been asked to volunteer for experiments along these lines in the interest of science, but unfortunately, no cooperation was encountered. There is also the difficulty of the investigator having the strength of mind to ascertain purely the scientific facts. Meanwhile, trial and error and shrewd guesses will have to be used by the engineer in the design of strapless evening gowns until thorough investigations can be made.

If a small elemental strip of cloth from a strapless evening gown is isolated as a free body in the area of plane A in Fig. 1, it can be seen that the tangential force F is balanced by the equal and opposite tangential force F . The downward vertical force W (weight of the dress) is balanced by the force V acting vertically upward due to the stress in the cloth above plane A. Since the algebraic summation of vertical and horizontal forces is zero and no moments are acting, the elemental strip is at equilibrium.

Consider now an elemental strip of cloth isolated as a free body in the area of plane B of Fig. 1. The two tangible forces F_1 and F_2 are equal and opposite as before, but the force W is not balanced by an upward force V because there is no cloth above plane B to supply this force. Thus, the algebraic summation of horizontal forces is zero, but the sum of the vertical forces is not zero. Therefore, this elemental strip is not in equilibrium; but it is imperative, for social reasons, that this elemental strip be in equilibrium. If the female is naturally blessed with sufficient pectoral development, she can supply this very vital force and maintain the elemental strip at equilibrium. If she is not, the engineer has to supply this force by artificial methods.

In some instances, the engineer has made use of friction to supply this force. The friction force is expressed by $F=fN$, where F is the frictional force,

f the coefficient of friction and N is the normal force acting perpendicularly to F . Since, for a given female and a given dress, f is constant, then to increase F , the normal force N has to be increased. One obvious method of increasing the normal force is to make the diameter of the dress at c in Fig. 2 smaller than the diameter of the female at this point. This has, however, the disadvantage of causing the fibers along the line c to collapse, and, if too much force is applied, the wearer will experience discomfort.

As if the problem were not complex enough, some females require that the back of the gown be lowered to increase the exposure and correspondingly attract more attention. In this case, the horizontal forces F_1 and F_2 (Fig. 1) are no longer acting horizontally, but are acting downward at an angle shown (on one side only) by T . Therefore, there is a total downward force equal to the weight of the dress below B + the vector summation of T_1 and T_2 . This vector sum increases in magnitude as the back is lowered because $F = 2T$ in a , and the angle a increases as the back is lowered. Therefore, the vertical uplifting force which has to be supplied for equilibrium is increased for low-back gowns.

Since there is no cloth around the back of the wearer which would supply a force perpendicular to the vertical axis of the female that would keep the gown of the lady from falling forward, the engineer has to resort to bone and wire frameworks to supply sufficient and perpendicular forces. (Falling of dress forward, away from the wearer, is considered unfair tactics among females.)

If the actual force supplied is divided by the minimum force that is required to hold the dress up, the resulting quotient defines a factor of safety. This factor could be made as large as desired, but the engineers are required to keep the framework light and inconspicuous. Therefore, a compromise must be made between a heavy framework and a low factor of safety. With ingenious use of these frameworks, the backs of strapless gowns may be lowered until cleavage is impending.

Assuming that the female is naturally endowed to supply the vertical force V , the problem is still left incomplete unless an analysis is made of the structures supplying this force. These structures are of the nature of cantilever beams. Fig. 2 shows one of these cantilever beams (minus any aesthetic details) removed as a free body (and indeed, many such beams can be, in reality, removed as free bodies; e.g., certain artifacts). Since there are usually two such divided, the force acting on any one beam is $F/2$ and it is distributed over the beam from a to c (Fig. 2). Here exposure and correspondingly more attention can be had by moving the dress line from a toward b . Unfortunately, there is a limit stress defined by $S = F/2A$ (A being the area over which the stress acts). Since $F/2$ is constant, if the area A is decreased, the bearing stress must increase. The limit of exposure is reached when the area between b and c is reduced to a value of "danger point".

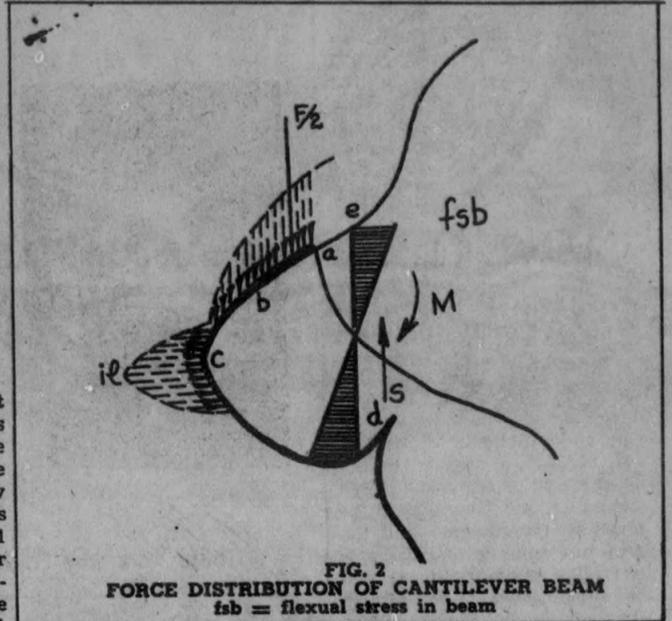


FIG. 2
FORCE DISTRIBUTION OF CANTILEVER BEAM
 f_{sb} = flexural stress in beam

GODIVA

- Godiva was a lady who to Coventry did ride
To show to all the villagers her fine and lily white hide
The most observant man of all, an Engineer of course
Was the only man who noticed that Godiva rode a horse.

Chorus

We are, we are, we are, we are, we are the Engineers
We can, we can, we can, we can demolish forty beers
Drink rum, drink rum, drink rum, drink rum, and come along
with us
For we don't give a damn for any damn man who don't give
a damn for us.

- She said I've come a long, long way and I will go as far
With the man who takes me off this horse and leads me to a bar
The man who took her from her steed and stood her to a beer
Was a bleary eyed surveyor and a drunken Engineer.
- My father was a miner from the Northern Malamute
My mother was a - - - - - from a house of ill repute
The last time that I saw my folks these words rang in my ears
Get out of here you son of a - - - - - and join the Engineers.
- The army and the navy boys went out to have some fun
Down to the taverns where the fiery liquors run
But all they found were empties for the Engineers had come
And traded all their instruments for gallon kegs of rum.
- Sir Francis Drake and all his men set out for Calais Bay
For they'd heard the Spanish Rum fleet was headed out that
way
But the Engineers had beat them by a night and half a day
And though as drunk as ptarmigans you still could hear them
say -
- An Artsman and an Engineer once found a gallon can
Said the Artsman "Match me drink for drink and prove that
you're a man"
They drank three drinks, the Artsman died, his face was
turning green,
But the Engineer drank on and said "It's only gasoline!"
- Now Venus is a statue made entirely out of stone
There's not a fig leaf on her, she's naked as a bone,
On noticing her arms were gone, an Engineer discoursed
"Why the damn things broken concrete and should be rein-
forced".
- A maiden and an Engineer were once sitting in the park
The Engineer was busy doing research in the dark
His scientific methods were a wonder to observe
His left hand took the readings while his right hand traced
the curve.
- My mother peddles opium, my father's on the dole,
My sister used to walk the streets but now she's on parole,
My brother owns a barbatte house with bedrooms in the rear
But they won't speak to me because I'm an Engineer.
- Casear set out for Egypt at the age of fifty-three
But Cleopatra's blood was warm her heart was young and free
And every night when Julius said goodnight at 3 o'clock
A Roman Engineer was waiting just around the block.

A second condition exists which limits the amount of exposure. Vertical force $F/2$ is balanced by a shear force S acting on an area from d to e and by an internal moment M (Fig. 2). The moment M causes tension in the fibers over the

beams between e and a , and compression in the fibers between c and d . As the dress line is moved from a toward b , the moment M is increased, increasing the tension and compression again till "danger point."

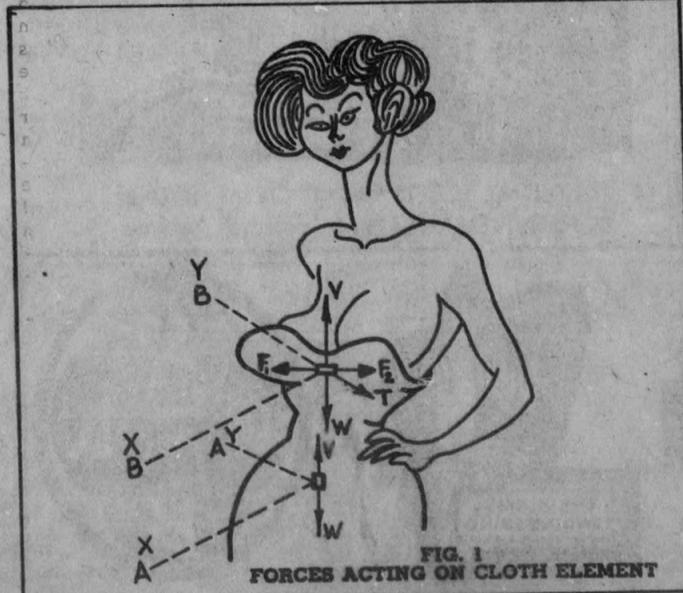


FIG. 1
FORCES ACTING ON CLOTH ELEMENT