

If your
nose went
on strike

Brunswickan

CANADA'S OLDEST OFFICIAL STUDENT PUBLICATION

would you
Picket?

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The Voice of UNB

THE (STUDENTS' REPRESENTATIVE COUNCIL

by Bob Cooper

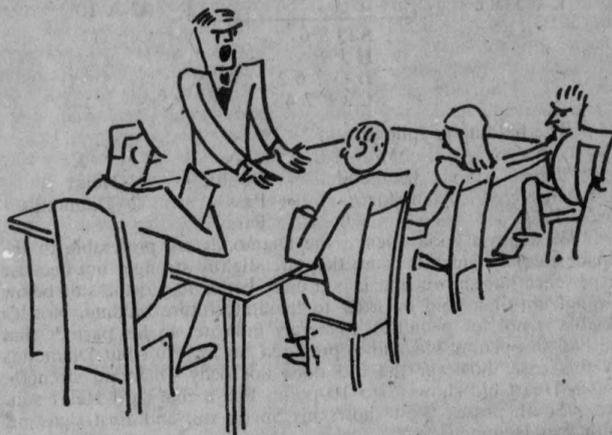
The SRC met last Wednesday evening and for the first twenty minutes discussed the very intricate and delicate wording of dance regulations. Why could not a committee have been given the power to draw up these regulations and post them, without enduring the long and unnecessary

procedure of picking each word apart and putting it back together again, after unchanged? It seems that in some circumstances the SRC is just a bit too democratic for the high level of efficiency which such an organization demands.

The Editor of the Brunswickan,

Ed Bell, stood before the SRC to defend his editorial comments concerning the India Association. Suffice it to say that the whole procedure brought no tangible results, but only a feeling of relief on behalf of the Council members, and that of dissatisfaction on the part of Mr. Menon, and a feeling of a waste of time on the part of those who came to see the show. It seems that the SRC was afraid to demand an apology from Mr. Bell, in fear of his resignation and the consequent loss of a Brunswickan (the other editors and most of the staff would leave too). You may draw your own conclusions.

Last on the agenda, NFCUS. The Council approved of the idea of NFCUS. It is time we "stopped sitting on the square of our fat seats."—Calkin. This is at best an understatement. Why did NFCUS have to wait until now to start getting something organized on this campus? Well, your guess is as good as mine.



PHYSICAL ENGINEERING

"24-9-5"

For eight weeks a handful of students at the University of New Brunswick have volunteered, as subjects in a University research project to give new life to paralyzed limbs.

They want to know if a paraplegic can develop the ability to contract on command either one muscle or a desired combination of muscles. To find out, the student volunteers have cheerfully submitted to the distasteful but necessary practice of imbedding minute strands of wire in their muscles.

The results to date reveal that muscles can be selectively controlled, and that the man paralyzed from the waist down now has a new life ahead.

The research team is headed by Robert Scott, assistant professor of electrical engineering at U.N.B. and chairman of the recently formed Technical Assistance and Research Group for Physical Rehabilitation. He is assisted by Barry G. Thompson, assistant professor of physical education at U.N.B.; Arthur Patterson, lab technician in electrical engineering at U.N.B.; Miss Cheryl Pearce, Pointe Claire, Que., physical education student at U.N.B.; Dr. Lynn Bashow and Dr. Josephine Sommerville of the Forest Hill Rehabilitation Centre; and nine determined students.

"To date the results have been very gratifying," Prof. Scott said. "They indicate without doubt that it will be possible to selectively control muscles very well."

Two basic facts were available to the research team before they began their project. First, that a quadriplegic (someone paralyzed from the shoulders down) has

the use of as many as eight muscles either by themselves or in combination. Second, that the electrical potential generated in a muscle when it contracts can be used to control an electrical apparatus.

With this as fact the team set out to prove whether or not you can develop the ability to contract one muscle or any combination of muscles on command. Over half the junior and senior students in physical education at U.N.B. volunteered as subjects. Nine were selected initially.

Work then began on the selective control of the pectoralis major, that muscles running across the chest from the shoulder to the breast bone. Wires had to be imbedded in the muscles to tap the electrical current generated there.

A wire about three-thousands of an inch was inserted in a long, hollow needle. This was plunged into the muscle by a doctor. Then the needle was slipped off the wire, and the wire held in place by adhesive tape. With luck the wire remained in the skin from one weekly session to the other, or longer. If not, it had to be replaced.

The wires, two in each muscle, are connected to amplifiers and recording instruments. A specially prepared tape commands the subject to "contract . . . relax" a specific muscle at varied intervals. The subject's reaction is recorded for analysis.

Contributing to the success of the group project over the past eight weeks are David Parker, Miss Cheryl Pearce, Miss Sharon Bickle, Miss Pat Pickard, Miss Pat Donovan, Mike Noble, Doug Cottrell and Royce Graham.

Come All Ye Faithful

The fifth annual Christmas concert by the combined University of New Brunswick Band and Choral Society is scheduled for Memorial Hall, Thursday, December 6 at 8:15 p.m.

The concert is free to all and visitors are most welcome.

The programme, involving some 60 performers, is light and varied. It will include the Alouette March from the March Along with Mitch series, a selection from the musical "Camelot" the Toy Symphony by Leopold Mozart, excerpts from the New World Symphony by Dvorak, the tango La Cumparsita and the theme tune from "Never On Sunday". The trombone section will feature a trio entitled Trombrero by Cofield.

The Choral Society will sing two groups of songs and carols. The programme will feature guest soloists from on campus. The concert will conclude with "A Carol Festival" for band, choir and audience.

NFCUS

by IAN McQUEEN

At last Wednesday's SRC meeting it was voted that our university remain as a member of the National Federation of Canadian University Students (NFCUS).

To keep U.N.B. students posted on the activities and program of their NFCUS committee, a column will appear in each issue of the Brunswickan, devoted to NFCUS affairs.

One of the NFCUS projects on the national level is the creation of a national magazine for Canadian university students. If all goes well, it will appear Feb. 15. To make this project a success, contributions are needed from across the country (this means US). The editors are looking for articles on university and student problems, literary works (short stories and poems), limericks, cartoons clearly drawn, and articles should not exceed 2500 words. Complimentary copies go to contributors. Thirty per cent of the space has been set aside for articles in French, so if you write better French than English here is your opportunity to express yourself nationally. (Any separatists here?)

The following is a suggested list of topics compiled by the editors:

1. Are there sufficient opportunities for Canadians to study abroad?

2. The "new" education (smaller classes, seminars, etc.) vs. mass education.

3. Are college sports really amateur or have they turned pro?

These are but a few topics; there are many, many more. To be a success the magazine will need contributions from across the country, so come on U.N.B. students, we could have more articles than any other university in the country; it all depends on YOU.

Deadline is Dec. 13th, so hurry!

Due to the fact that NFCUS speaks for so many students across the country, it has been able to arrange a life insurance plan with Canadian Premier Life Insurance Co., in Winnipeg which provides insurance specially suited to the university student at premium rates which are (I believe) the lowest in the country. There will be much more information on this later, so watch this column.

If you are interested in flying to Europe during the Christmas or summer vacations, you can obtain substantial price reductions through NFCUS.

For further information on any of the above, or general information on NFCUS, contact Ian McQueen, Campus Co-Chairman, Neville House.



Dr. J. W. Meagher, (left) accepts on behalf of the Physical Education Faculty, the picture of the 1963 graduating class from Mike Noble.