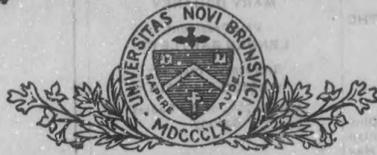


The Brunswickian



VOL. 66, No. 20

FREDERICTON, N. B., SATURDAY, MARCH 22, 1947

Price Seven Cents

CONN CO-EDS



MARY LOU CASEY
ISOBEL BOSCH

TWO STUDENTS HERE ON EXCHANGE PLAN ATTEND LECTURES

Instead of 'Connecticut Yankee' the Campus has been invaded by two Connecticut Coeds the past two weeks. On an exchange plan from Isobel M. Bosche and Mary Louise Casey are at present attending lectures on the University Campus.

The student exchanges have the complete support of the entire faculty at New Britain where the Teachers College is located. The selection committee is composed of the Principal, Dean of Women and the Heads of the English, History, Social and Training Departments. Also on the Committee are two representatives from the Student Council. The candidates are chosen on scholastic ability, personality, voice ability and general appearance and must be approved by the whole faculty.

Both Isobel and Mary Lou have been very active in students affairs at New Britain. Isobel, the taller of the two is president of the Students Council both this year and last. Vice-president of her class, past president and secretary of the Women's Athletic Association past vice-president of Kappa Delta Phi and active in many other clubs. Two scholarships, the position of Sports Queen and Varsity letters in basketball, badminton and tennis have also fallen due to this versatile student. At present Isobel is a Senior, majoring in secondary education.

Mary Lou also has a long list of positions to her credit. Class member of the Students Council, treasurer of College Theatre, vice-president of her class and member of Kappa Delta Phi. College Forum chairman of the Junior Prom and service on other student committees has kept her occupied. Mary Lou is a Junior majoring in elementary education.

Both these students have been listed in Who's Who Among American Colleges.

The end result of their training, which is a four year course is a B. S. in Education. This corresponds to a B. Sc. Although they were able to finish one section of their

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ROBINSON STUDENTS' CHOICE FOR S. R. C. PREXY; GARLAND WALTERS, HAY ALSO ELECTED

Copp Heads A. A. A. with Hicks and Wylie SOPHOMORES OUTVOTE FROSH

FLYING CLUB HOLDS ROUND TABLE TALKS FOR U. N. B. JOURNAL

On Thursday evening, March 13, over CFNB, the Flying Club presented a round-table discussion in which four members of the Club participated. These members were: Tom Prescott, Bud Perkins, Art Plummer, and Dorothy Walters.

The President of the Club, Tom Prescott, an R. C. A. F. bomber pilot, gave a brief history of the Flying Club.

He stated that in the fall of 1945, several enterprising student veterans were anxious to form a Flying Club. Dr. Brian Priestman gave his capable assistance as a member of the Faculty, but his untimely death was a great blow. Dr. Gregg gave all the encouragement he could to the group, but exams cut short all activity for the year. In the fall of 1946, however, the club started to function in earnest. It was decided to use the Barker's Point field instead of constructing a university field because of the tremendous cost; the S.R.C., the Veteran's Club, and a dance provided the organization with funds. Mr. Cedric Cooper, President of the local Chamber of Commerce, and other Fredericton citizens also provided great financial assistance.

U. N. B. is the first University in the Dominion to own an aircraft outright; although Toronto, Ajax, and St. Francis Xavier have flying clubs, they do not possess their own planes. Various universities have glider clubs. The purpose of all desirous students to learn to fly at the lowest price possible.

"Flying is valuable to people of all professions in Canada," the other speakers went on to explain in their discussion. "The forester will find it useful for protecting large areas, for photographing sections for maps

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I. S. S. Holds Bridge Tournament

"Six spades...double...redouble" was the theme of the conversation at the Bridge tournament held March 25 in the Common Room. Sponsored by the I. S. S. the card fiends assembled at 8:30 and played till midnight. Each table played eight hands and then the losers moved to the next. In all five sets were to be played but several tables only managed to get in four sets.

The high score for the evening was made by Fred Collier and Linda Peoples. Their total amounted to 11,340. The next highest was obtained by J. Wallis and K. Mesher who reached 10,896. The bobby prize was given to John Peck and Ralph Hay who amassed the outstanding total of 2840.

George Robinson, SRC Junior Representative and RCAF vet, is the president-elect of the Students' Representative Council for the year 1947-48. In a close four-cornered contest, Robinson gained a substantial majority over his opponents, George Forsythe, Bob MacDiarmid, and Doug Rouse.

A Junior Electrical, Robinson has held executive posts on the Year Book staff, Dramatic Society, and has been a columnist for the Brunswickian.

Varsity basketball star, Cec Garland was elected for the vice-presidency, winning over Ken Neilson and Ed Donahoe. Garland is already making preliminary plans for "Freshman Week" next fall, a new responsibility for the office.

Dorothy Walters and Ralph Hay were chosen by the electors to fill out the SRC executive positions.

Eleanor Wylie, Alex Freshette, and Don Hicks were voted to fill Amateur Athletic Association posts under Vernon Copp, whose nomination was unopposed. Wylie piled up the heaviest majority in the closely contested elections.

Polling chiefs announced that the Sophomore class numbered the heaviest recorded vote, followed by the Junior and Senior classes.

Although he expressed some surprise at his election, Robinson stated that he pre-election platform would be carried out next year. SRC President Joe Atyeo announced his desire to step down from the chair at an early date, in order that the new executive might begin putting their policies into effect before the current term ends.

CFNB OPENS NEW STATION

Radio Station CFNB has changed its location from Lincoln to New Maryland. Pictured above is the new stone building which has been erected at New Maryland. This is a one story, modern structure completed last summer. It has all the necessary equipment to transmit broadcasts and living quarters for the male staff.

The tower which was at Lincoln has been moved to the new station site as the second tower. During the day only one tower is used but at night both are used one acting as a directional pusher.

On March 19 the new station opened with an increase from 1000 watts to 5000 watts output. This gives a greater coverage and better audibility to those locations which can now receive the station.

CFNB has co-operated with the University in many ways in the past. The latest notable of these has been the U. N. B. Journal of the Air which have been carried on all fall and this spring.

(See Picture on Page 9)

N.F.C.U.S. PLANS TO SPONSOR SERIES OF EXCH. SCHOLARSHIPS

The N. F. C. U. S. is sponsoring a series of exchange scholarships for one year for undergraduate students in other than "home" universities, that is, not in their own area in Canada. The plan is to check restriction of outlook and broaden the student's education.

Scope of Plan.

Canada is divided into four main areas as a basis for exchange. They are:

- I. University of British Columbia.
- II. Univ. of Alberta, Saskatchewan and Manitoba.
- III. Universities of Ontario and Quebec.
- IV. Universities of the Maritimes.

Students must apply for same university in a division other than his own.

Eligibility.

All male and female bona fide students in their third or earlier years are eligible. They must return to their home university for the following year. Special consideration is given for those wishing exchange graduate work. It will be difficult in some cases to place honours students.

Nominations and Applications.

The number of students selected cannot exceed 1% of the total student body. (U. N. B. at 1400 allows 14.) Successful candidates are to be known as "Federation Scholars" and not necessarily "exchange" students. All applications must be in U. N. B.'s N. F. C. U. S. (chairman, J. V. Anglin) not later than March 31.

Students selected will be permitted to take a full year's work at the desired university without paying tuition fees or student levies. There will be no courses in medicine or dentistry available in Division III. (Univs. of Ontario and Quebec.)

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Rehearsals For "Our Town" Are Near Completion

"Our Town" is to be presented Thursday and Friday, March 27, 28 by the Dramatic Society, in the Normal School.

This is the Society's main effort, and promises to be something new in the way of entertainment.

Many old faces are in the cast and also many new ones. VanDine, McMillan, Buchanan, MacDonell, Ponger, Cadman, Camp, Forsythe, McElvey and other campus actors are included.

The curtain raises at 8:00 and there will be a special section of reserved seats. Tickets will be 25c students — 40c others — 60c reserved.

NEW PREXY



GEORGE ROBINSON

DR. STEACIE DELIVERS INTERESTING LECTURE ON RADIATION CHEMISTRY

"Radiation Chemistry is a wide open field," said Dr. Steacie, "and research in this line will yield information of great value to the medical profession as well as to the chemist." Dr. S. W. R. Steacie, Director of the Chemical Division of the National Research Council in Ottawa, spoke to the Scientific Society and others interested on Thursday, March 13. His topic was "Radiation Chemistry." In his talk, Dr. Steacie discussed the chemical effects of radiation of the type obtained from radium and various sources of such energy.

Professor Boone, Chairman of the Scientific Society, introduced Dr. Steacie. Dr. Steacie received his Ph. D. at McGill. He has written several textbooks and is one of Canada's outstanding chemists.

Using an analogy, Dr. Steacie said "The atom can be considered as lying in a valley. Raising the atom over a hill would allow it to fall into a deeper valley. The height of the atom would correspond to its energy state. It is to provide the energy required to put the atom 'over the hump' that cyclotrons and Van de Graaf generators are used. The atom in the lower energy state (the deeper valley) will be changed. It is the change in the form of the atom that interests the chemist.

The most efficient form of energy to raise the atom 'over the hump' is radiation energy. "Radium is a poor source," he explained "because it costs \$25,000 a gram and it would take weeks to decompose a measurable quantity of a gas with this source."

More practical instruments are the two million electron volt X-ray machine and the cyclotron. The latter gives about a million times the energy available from a gram of radium. A practical instrument is the Van de Graaf generator. A powerful machine of this type can be built for ten thousand dollars. The atomic pile is another source of the type of energy required but here the radiation is too powerful and difficult to control.

Dr. Steacie then illustrated the results obtained from these machines by considering first the case in which hydrogen gas is bombarded with fast-moving electrons. He gave

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