

## Dr. Linus Pauling

# World Must Abandon War

Prof. Pauling's latest book deals with the awful implications of the greatest scientific discovery since that of the controlled use of fire—the discovery of the ways by which nuclear energy can be released. As the title, *No More War*, suggests, this discovery has changed the nature of war in an astounding way, so much so indeed that "we are truly forced into abandoning war as the method of solution of world problems, the method of resolution of disputes among nations".

Linus Pauling is one of the greatest of living scientists. His contributions to knowledge include fundamental discoveries not only in physics and chemistry but also in geology, biology and medicine. He has received many honours, including the United States Presidential Medal of Merit, the Royal Society's Davy Medal and an array of honorary degrees including one from the University of New Brunswick in 1950.

### Nobel Prize

In 1954 he was awarded the highest honour of all, the Nobel Prize in Chemistry, for his researches into the nature of the chemical bond.

Apart from his prominence in science, Prof. Pauling is well known for his courage and championship of political freedom and world peace. In 1957 he originated the "Petition to the United Nations Urging that an International Agreement to Stop the Testing of Nuclear Bombs be made Now." This petition was signed by more than eleven thousand scientists from all over the world, including thirty-six Nobel Laureates from thirteen countries.

The book deals in a sober and strictly factual way with the nature of nuclear weapons and their probable effects if a third world war ever happens. It brings together in a concise and clear exposition most of what is known of the influence of high energy radiation and radioactivity on heredity and disease, and discusses vigorously but without rancour the controversial aspects of nuclear fallout, and the attempts made by spokesmen for the United States Atomic Energy Commission to soothe the public mind.

### Effects on Births

Arguments are strongly presented for the view that the bomb tests—uranium, hydrogen and super bomb—being now carried out by the United States, the USSR and Great Britain will result in the birth of many thousands of stillborn and many more thousands of defective children; and in addition will shorten the lives of many now living. "I believe," says Professor Pauling on page 73, "that the national leader who gives the order to test the nuclear weapon and to release the fission products corresponding to 10 megatons of fission should know that in giving this order he is dooming 15,000 unborn children to a life of misery or early death."

"The Nature of Nuclear War" is discussed in chapter 7. The last sentence of the chapter reads "If our nuclear future includes nuclear war, the world is lost."

### Lists Appeals

A useful chapter describes the appeals made by scientists the world over from March, 1945, to the present day, and concludes with the story of the Pauling petition

(Continued on page 4)

### PROF. LINUS PAULING

"... If our nuclear future includes nuclear war, the world is lost."



Linus Pauling, distinguished Nuclear chemist, who delivered last year's series of Bryan Priestman Memorial Lectures at UNB. The Nobel prize winning scientist is Director of the Gates and Crellin Laboratories, California Institute of Technology, Pasadena, California.

## LIFE PRESENTS DISMAL ASPECTS

by MAC

First of all, Mac will attack the attacks on campus dress. It is well known that there are two theories of thought on how people should dress around the campus. Both views have been expressed in this publication. That is the purpose of a good newspaper—to express both sides of the story. Both sides have their good points, and most assuredly a compromise could be worked out without resorting to violence. It is assumed that college students have passed the stage of "black eyes and bloody noses". For the benefit of those who do not understand this last sentence, here is the story in detail. In the October 7 issue, there appeared a letter supporting the view that more formal attire should be worn by the male students on the campus. After the appearance of this letter, the two authors were assailed, both verbally and physically, their clothes (sportscoats and ties), being rumpled, by fanatics holding the opposite views. Do we attend university to enter our second childhood?

Unannounced fee-jacking is not the only means of university extortion. Some of the Maggie Jean girls living in "Walk across the street to breakfast" residence sections, lengthen the list. Six girls in one room pay regular double room fees.

In another section, the furnishings fall a little below the adver-

tised sunny atmosphere. Closet space is less than half the expected. A four dollar deposit for a floor mat is peculiar to this one residence only. Appreciation is not enhanced by impressing on the "inmate", the expense of the surroundings.

Fees are subject to change without notice, but there is no "subject to change clause" in the section in the Calendar on the Women's Residence. Why should some have to pay more for less?

Is UNB a cultural desert? Attendance at the Chavannes concert last Wednesday night certainly seems to answer this question in the affirmative. About 1.3% of the student population attended, a very small percentage indeed.

A great deal of time, thought and work went into the planning of these concerts, of which there are to be four. The effort seems entirely wasted, and the reasons are not clearly understood. There must be some students on the campus interested in the cultural side of life, and if not, there is definitely a lack in this, our educational institute.

To the Un-Creative Arts Committee, Mac extends his sympathy—to the student body, his pity.

Did you hear about the crossed-eyed school teacher, couldn't control her pupils.

## Soprano Sings at UNB

It is fitting that Marie Lister Chavannes should be the first artist to perform in the concert series presented by the Creative Arts Committee.

Miss Chavannes, a native of Fredericton, was an arts student Up the Hill in 1939-40. From UNB, she went to the Oberlin Conservatory where she received a Bachelor of Music degree in 1943. Since then, Miss Chavannes has made her home in New York.

In an interview with the singer and her husband, Mark Chavannes, we learned that Miss Chavannes' career has centered on the concert stages of New York, and its surrounding districts. Her repertoire covers a wide range of vocal music, her favourite field being that of the folk song.

Few of us realize the difficulties involved in becoming a well known singer. Mark Chavannes gave us some enlightenment on the subject. First, there is the question of teachers for the various types of voices. In addition to teachers, coaches are employed to help a singer in the interpretation of music. Also the world of musicians is a crowded one. In New York City alone, there are ten thousand vocalists, and of this number, approximately five thousand are sopranos, like



MARIE CHAVANNES

Miss Chavannes.

Unlike many professions, the road to musical success is a long journey. The voice, once discovered, must be developed to full maturity. This often does not happen until the singer, particularly a soprano, reaches an age between thirty and forty.

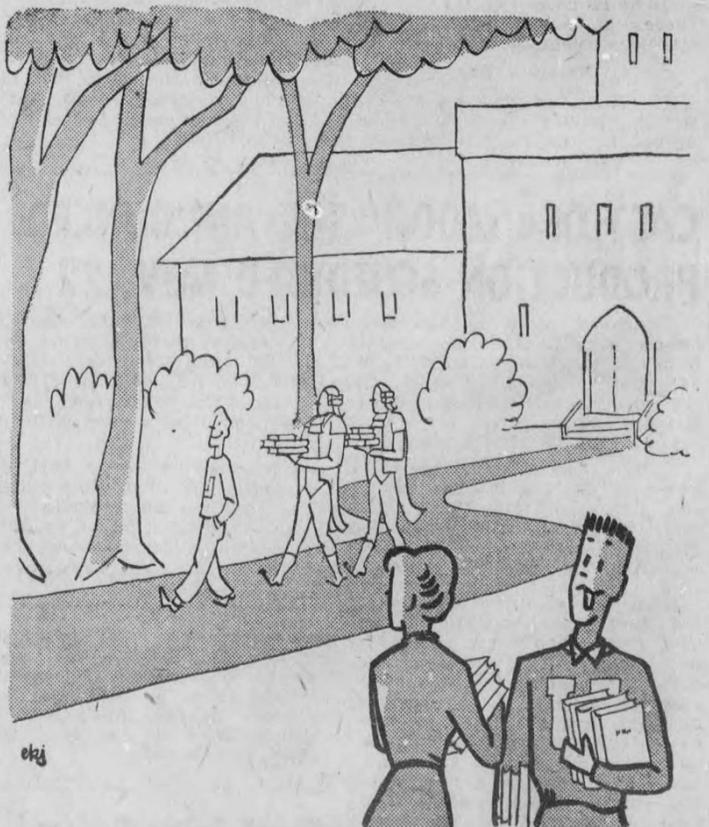
We found Miss Chavannes to be a very charming person, and very willing to forward culture in the University of New Brunswick.



To prevent duplication of meeting times and places and to ensure a listing in THE BRUNSWICKAN, please report all campus events to SHEILA CAUGHEY, campus coordinator, at the Maggie Jean Chestnut House (Phone Granite 5-9061).

### THE FOLLOWING LIST COVERS TODAY THROUGH MONDAY

- TRACK AND FIELD MEET: Maritime Intercollegiate Athletic Union Meet at Acadia, Tuesday.
- BIOLOGY: New Lounge, Student Centre, 8 p.m. Tuesday.
- DRAMA SOCIETY: Oak Room, Student Centre, 7:30 p.m. Tuesday.
- CHORAL SOCIETY: Arts Centre, 7 p.m. Tuesday.
- S.R.C.: Student Centre, 7:30 Wednesday.
- UNB BAND: Mem Hall, 7 p.m. Wednesday.
- ARTS SOCIETY: New Lounge, Student Centre, 7 p.m. Thursday.
- I.V.C.F.: All Purpose Room, Student Centre, 7:30 p.m. Thursday.
- BUS. ADMIN. CLUB: Oak Room, Student Centre, 7 p.m. Thursday.



He says he does it by *Steady Saving* at the Bank of Montreal\*

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\*The Bank where Students' accounts are warmly welcomed.

Fredericton Branch, Queen & Carleton Streets:  
DOUGLAS TROTTER, Manager