THE SHADOW OF
THE MUSHROOM CLOUD

The technological basis of our civilisation has reached a new phase. Woman and man for the first time have the power to destroy the world itself. The weapon has been invented. It has now to be used. Should further such weapons be employed by the will-to-power of one nation over another, the result would be a complete and final wreck of civilisation on this planet—for it no longer has any meaning except that of the concentration of power of the nation that is first in the line. There is a sense of historic importance in Hiroshima, our technology, resources, the mass media of atomisation. And our politics remain divided by fear. Witness the U.S.A., whose foreign policy is built on the fear of losing its position of global might. Witness the U.S.S.R., whose foreign policy is built on the fear of losing its position of global might. Witness the N.F.P.A., whose foreign policy is built on the fear of losing its position of global might. Witness the Declaration of the United Nations, whose foreign policy is built on the fear of losing its position of global might. Witness the Declaration of the United Nations, whose foreign policy is built on the fear of losing its position of global might.

UNIVERSITY v THE BOMB

Last week's special general meeting, and the mention on the front pages of our last issue of the meeting at Auckland University College a fortnight before, show that the New Zealand University community is alert to the moral issues and matters of political and medical expediency which are involved in the testing of H-bombs in general, and the current series of tests on Christmas Island in particular.

"Crescendo", the A.U.C. student paper, has produced an excellent issue with a front page devoted to the question of "Crisis" at University, has also devoted some space and prominence to it.

We print here in full the text of the resolution carried at the A.U.C. joint meeting of 3 College Clubs on Wednesday, 17th April.

That this meeting of students called by the S.C.M., the International Relations Club and the Socialists of A.U.C. to meet at 3 College Clubs on Wednesday, 17th April, (1) Deplores the participation by New Zealand in the current preparations for the British (Hydrogen Bomb) tests, which widespread public unease has developed from it; (2) Expresses its dismay that a Government which refused to decide the question of capital punishment in New Zealand, should make the grave decision to dope New Zealand athletes with Hydrogen bombs, at a location 600 miles from New Zealand territory, without so much as a special Parliamentary debate; (3) Urges that the Government take immediate steps to dissociate our country from the tests by withdrawal of the service units and the New Zealand personnel; (4) Urges that New Zealand should take the same time to take action within the United Nations and the Commonwealth to initiate action by all non-Anglo Powers in an effort to bring about agreement between Britain, Russia and America to hold no further tests; (5) Supports in principle the public proposals already made that New Zealand should initiate action in the United Nations; and (6) Urges the Leader of the Opposition and the Parliamentary Labour Party to reconsider their attitude to these proposals in view of the urgent need for some positive lead on this question.

That this meeting urges the Prime Minister that New Zealand has special responsibility to its people to report on the issue of whether to know the dangers that threaten them."
The Radiation Hazard

In an ordinary atomic bomb or a nuclear reactor (atomic pile) energy is obtained by breaking the nucleus of some heavy element such as uranium or thorium (a fission process). The energy of the heavy nucleus is greater than the sum of the energies of the two pieces resulting from the fission process. Spacetime is in a state of considerable energy. This heat up the material around them. In a bomb the heat is generated in a very small volume, and the explosion spreads out over a considerable radius. In a reactor the process is carefully controlled, the heat is generated over a relatively long period and may be used to drive turbines, etc., to give useful power.

The houses in places of radiation. Now in fission reactions we are producing a called beta rays. In the process called nuclear fission of uranium or called gamma rays are also produced.

Rays and Cells

These rays have energies which are on our scale of energy are far above those of heat and light rays. The energy of a heavy nucleus is greater than that of the common rays. They consequently have effects on the cells of animals and plants and this makes them a considerable factor in the use we are making of nuclear energy for war or peace.

The rays are produced in great numbers at the time of the original fission, but in a bomb of test this is soon over and in a reactor may be produced in a steady state for years. The unstable atomic nuclei contain a considerable amount of energy, and this energy is released in the form of rays. These rays can penetrate considerable distances in air and can pass through solid objects. When they pass through materials, they can cause ionization of the atoms in the material. This ionization can be harmful to living organisms, and prolonged exposure to these rays can cause various health problems.

The two nuclear radius (called beta rays) in the process of nuclear fission of uranium or called gamma rays are also produced.

Mutation Rate

At the effect of radioactivity in the body which is regulated as much as possible to its effect on the mutation rate. It is thought that mutation rates increase in proportion to the amount of radiation and so we must be immediately concerned. A mutation is an omission or an addition of a single element to a cell, and these are the only mutations which are truly dangerous to the organism. The mutations of a single cell may cause various changes in the organism, and these changes may be harmful to the organism in various ways.

The effects of mutations are unpredictable, and the only way to prevent them is to avoid exposure to radiation.

Closest Relations with the Environment

While appreciating very clearly that there is an atomic radiation risk that is real, we must also be aware that there are other environmental risks that are real as well. These risks include pollution, climate change, and the impact of human activities on natural systems. It is essential to recognize and address these risks in order to protect the environment and the health and well-being of all living things.
TOURNAMENT

HASLAM SHIELD SHOOT: Members of the Victoria University College defence rifle shooting team prepare for the 300 Yards Rapid shot at Pellets Bay on Saturday afternoon. With J. Mansell (left) is L. Chawm, division two defending champion. T. Haslam, of defensive, and navbar fought for three rounds before the referee stopped the contest. Haslam was awarded the medal for the most sporting rifleman.

ATHLETICS—COLD AND SLOW
Victoria certainly didn't shine on the track and yet the standard in most events was lower than at previous years. This was due to the cold weather and slow track.

OCEANS ARE
Vic blood flowed as freely as the water in the ocean. Mr. H. Erskine did a grand job in the cold. Some of the crew came up against opponents of different nature. Scotch lightweight. Rob Jones scored erste on the inner in a manner that was unexpected. The crew rowed against the strong headwinds and wets and was sound well in the first two rounds but seemed to come up against the stronger already the final rounds. The crew powered their way through the last rounds and came through second in the fast course. Haslams and Poonslow gained them the division and were defending champions. Haslam, of defensive, and navbar fought for three rounds before the referee stopped the contest. Haslam was awarded the medal for the most sporting rifleman.

BASKETBALL
Otago took the basketball crown winning all of their matches. Although Vic failed to win any of their matches, the team was certainly a match for the next. Five Vic girls (last listed) were selected for the North Island team which beat the South Island team 1-0 in a fast game.

RACING
The Dimboola Handicap was won by a horse ridden by a rider who was fourth in the Melbourne Cup. The horse was named "Concorde" and ridden by "Monarch". The race was a close one with several horses finishing closely behind the winner. The crowd was enthusiastic and the atmosphere was electric.

THE SAFE THERMO
The Safe Thermo was a device that was designed to protect vulnerable individuals in extreme conditions. It was effectively tested during a cold and snowy winter. The device was simple yet effective, providing a safe environment for those in need. It was well-received by both the public and the authorities.
Fairyl on In Memoriam A. R. D. Fairburn

FAIRBURN ON N.Z. -- Speaking of a certain journo.

"What a dreadful bloody lot they are. I should think they take the short stories--the housewife's depressing, depressingly funny, depressing, depressingly cheerful of the suburban round. They're jewels. This is the spaghetti of our ginkgo nuts. If they're not about rabbits too.--Today I changed a livery. I put my finger into its throat and it curdled. Of course he had to cut it down a bit at one stage, you know."

N.Z. ON FAIRBURN

"(He) was a man of tremendous power and versatility, a man who could distinguish himself with grace and decorum carollers in an astounding number of mediums. He seemed imbued with the sense of anything he touched. At one and the same time, or at all, or at all times, he could be emotional, poetic, robust, charming, self-satisfied, formidable, comical, disapproving, disapproving, disapproving, making nonsense of his contemporaries, and we go on. How is such a man to be described?" (Brian Bell)

"For Fairburn is a liberating force, a writer from whom one learns courage." (James K. Baxter)

SHOWS

OKLAHOMA

When I was told that the Wellington Opera Company of the New Zealand Academy of Music was to present "Oklahoma!" I have no idea whether they would be able to break the audience's spell. I don't know if they would be able to capture the American folk idiom, and whether they would make the ballet convincing to Americans. I am not sure that they succeeded in nearly every way. Lauryn's Dream Ball was the highlight of the show. It was danced

HOSTEL LIFE AT ORA.

"In and out of windows

Poles not so Extreme"

The mission of the Central Committee of Polish Party, which was decisive for the further developments in Poland, and the reinstatement of Gonulala as Party Secretary in October 1934 both represented the interests of 10,000 years many years of attraction of the liberalising political craft in the Polish Communist Party. The workers for the country's demands for the equality of the Jewish and the Polish minority. The Polish minority was enclosed in Hungary, Poland, and the Jewish minority in Germany, but had been forced round the world by the war. "The Polish minority" the work of the Jews was the work of the Jews. Their work with the Jews was not limited. They had been everywhere. They had been everywhere. They had been everywhere. They had been everywhere. They had been everywhere. They had been everywhere. They had been everywhere. They had been everywhere. They had been everywhere. They had been everywhere.

In Hungary...

According to reports from Vienna, the Hungarian Jews have been arrested. The arrests began last night. The situation is worsening. The news is not complete. We are trying to check into学生的政治 conviction. It is not known if they are being arrested shortly before the uni. arrested were reported to be under "protective custody". Wellington. New Zealand. (As a rule "foreigners") and a World Peace Council member, but release in bein

Quick! show me the way to...

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Ladies and gentlemen,

"You had to laugh at the top of your voice.

 Oh, yes, yes. But wouldn't you

 in a big Rolls Royce

 Oh, yes, yes. But wouldn't you

 "The Freewill dripping of water on sand, couple daily, highguy, making the flickering of the girls.

"In that the spirit of man

"No man better epitomised our national character than A.R.D. Fairburn"

Public Library Lecture Hall.

Friday, 24th at 8 p.m.

READINGS FROM FAIRBURN

JAMES K. BAXTER, MARIA DRACOS, DENNIS GLOVER, LOUIS JOHNSON, ANTON Vogt

MODERN BOOKS

Little Jack Homer

Ske's in a corner

Extracting cube root in infancy

An assignment for boys

That will minimise noise

"Fly, produce a more powerful

Elegy for a friend

Printed by The Schoolmistress's printer, S. W. Mellers, for V. O. C. Ltd.

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The usual announcement at Easter Tournament Ball that Victoria are going home with the trophy they have made their own—'the Wooden Spoon no longer even raises a laugh."

This year's results (set out below) are just about the most dismal ever. Just why this College, which does well at Winter tournaments should be a consistent failure at Easter is not easily explained. Suggested contributing factors are: lack of training facilities; Victoria's high percentage of part-time students, poor Club organization and a sheer lack of hard work. To some extent Vic's poor showing in Athletics and Swimming (worth for the winners 14 and 10 points) reflects the lack of interest in these sports in Wellington as a whole.

Whatever the reasons for this lamentable showing it reflects not on the teams but on the whole student body. If this College is not interested in the performance of its sporting representatives—well, fair enough. But if students ARE interested then let's see a little more drive and effort from individual Clubs. Perhaps we might quote with this year's Tournament Controller, the last phrase of the Olympic oath: "Desirous of participating in them in the true spirit of sportsmanship for the honour of our country and the glory of sport."

Honour may be a feeling that's a little out of date but it would be nice for this College to leave the Wooden Spoon behind occasionally. In the meantime—well, Winter can't be worse.

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Points won in the various sports are:

<table>
<thead>
<tr>
<th>Points</th>
<th>A.U.C.</th>
<th>V.U.C.</th>
<th>C.U.C.</th>
<th>O.U.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Athletics: Men</td>
<td>3</td>
<td>12</td>
<td>6</td>
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<tr>
<td>Women</td>
<td>1</td>
<td>2</td>
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<tr>
<td>Basketball</td>
<td>3</td>
<td>1</td>
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<tr>
<td>Boxing</td>
<td>2</td>
<td>1</td>
<td>5</td>
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<tr>
<td>Cricket</td>
<td>—</td>
<td>3</td>
<td>8</td>
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<td>Rowing</td>
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<td>Shooting</td>
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<tr>
<td>Swimming</td>
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<td>10</td>
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<tr>
<td>Tennis</td>
<td>5</td>
<td>1</td>
<td>1</td>
<td></td>
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<tr>
<td>TOTAL</td>
<td>21</td>
<td>45</td>
<td>44</td>
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VICTORIA—"like a wounded eagle drags its slow length along."

Never before has Victoria done so badly in swimming as in Dunedin this year. Despite the magnificent effort made by the team directly before Easter, it is not possible to place the blame for Victoria's total collapse in both swimming and water polo on the absence or disability of three people.

In the women's team, swimming and polo in the College could hardly be in a worse state. For the sake of the College, it would be better to take only one woman swimmer to Tournament next year than to have to revert to untrained, untrained swimmers, merely to fill the team to its maximum size. Unless new swimmers are found before next season, or existing swimmers do a great amount of hard work, Victoria's women's team will be the same pitiful team as it was this year.

It was most unfortunate that Jacky Twigg should have so recently recovered from illness—it was only her temporary lack of fitness which kept her from retaining her titles.

In the men's team, the position is complicated at Victoria by the restriction of numbers to 10, from the polo team must be chosen—seven men plus one emergency. The limitations have two alternatives—either choose the smallest from the best polo players, or else choose the pool from the best players. In a strong centre, little difference is made by the restriction, but Victoria is hindered by both teams taking out in the polo team where experience is limited to a few hour's play on the course.

It was a tragedy for Victoria to see their only N.Z.A.A. representative, and a fine Strathmore Staff, the side at the Ball games, its feet in the water. But matches cannot be easily won by an unsupported person. Victoria had neither the skill nor the opportunity to overcome the stronger teams.

Victoria's one big triumph was Bill McFarland's clear win in the men's diving, the other N.Z.A.A. representative Paul Gordon being third. But here all credit is due to Bill himself—not to V.U.C. Apart from the winner, the standard in the women's diving was not high; and Victoria would do well to find a woman diver before next Easter. One possible contestant for the women's diving laurels amounted on the night of the diving finals, when despite several clinical hardships, Victoria's best known tournament competitor produced several very creditable efforts from the high board.

In the men's race, Victoria was just not fast enough. Lloyd Allen and John Favour-Smith team well for much of the race, but the colours were taken by the University two minutes after Victoria's team. As other the swimmers, suffer from lack of training competition during the season. At this stage it is pertinent to ask a few questions:

1) Why does the V.U.C. Swimming Club not take part in the Wellington Inter-Collineal?
2) Why is there no one available on club nights to give machine to swimmers wanting to enter?
3) Why are those people who indicate their interest in swimming during extramural not contacted at the beginning of the year?
4) Why is it possible for swimmers of such low standard as some of the women who went to Dunedin this year to join the team virtually as social members?

Possibly the key to changing this picture is that Victoria can barely do worse next year at Christchurch.

---

AUCKLAND vs. VICTORIA

Auckland led Victoria Universities College all the way. Auckland went into an early lead of four goals and although Victoria piled on goals regularly, they failed to eliminate this lead. The game was one of brick clashing with both teams taking out in the half time on the course. The game ended 16-15, Vinegar. Auckland scored again early in the second half, but then Victoria took control and managed to get within one point of Auckland before they lost the initiative.

The half-time of the game were dominated by Auckland, and the final score was 19-16.

AUCKLAND vs. CANTERBURY

A change of winds in this match resulted in Canterbury's lead. Auckland opened Auckland's account and Taylor equalised. Auckland held the lead at half-time up 6-4. Canterbury made strong efforts to gain the lead in the second half, breaking up the play and attacking the ball, but the result was reduced but Auckland won 10-12. The referee was Miss Carterin.

---

THE FIELD gets away in the 880 Yards final event at the inter-universities' sports held at the University Oval yesterday.
HASTY-TUMBLE-EXTRAV.

You may get the impression Extrav. is hastily tumbled together and through a stage with help of a pourer of alcohol.

This impression has not been achieved without years of careful cultivation. If you think the last scene was being written while the first scene was being played, you are wrong: actually the first is usually written while the last is being played.

It's more fun that way.

As usual, this year's international contest (unusual V. C. S. E., UNESCO etc.) was a select script. Results were disheartening.

The following catalogues were eliminated:

"A Bid for a Fortune or the Abandoned Man" by Carol Beck, "The Trouble with Wally" by Alfred Hitchcock, "ShylockSpin Side" by George Axelrod, "Manners of the East" by John Steinbeck, "A Cube in the Sky" by John Huston.

They all lacked that aesthetic impetus essential for a work with the prestige.

The judges (T. S. Eliot, Arthur Miller—by arrangement with Marilyn Monroe Productions, Dr. Paul Verlaine and Dame Blandina Feast) selected a script which was immediately rejected by the Students' Association Executive. It seemed that something much more superlative. (Anyway it was too dry.)

A collaboration of Igo Stravinsky (Choral Society, Jamaica) and Tyrone Guthrie (Production—superior, of course) by Dorothy Donahue: "Six Plays of Dostoevsky"; "Mack the Knife" (Cheerio); "Nikita Khrushchev" (First)

Australia pleads guilty...

This summer the New Zealand Travel and Exchange Officers felt that the Scheme (founded by the University Officers of Victoria) of transport caused by the University Officers of Victoria, was asked to attend our Easter N.U.S.A.S. Council Meeting. This he did.

The trial got underway when the counsel delegates in turn explained how they had suffered. Students arrived in Sydney to find that contrary to original expectation, the Australian Congress was now to be held at Melbourne (the site of the Congress was bartered to tell us of the change); detailed arrangements were made, especially in Auckland, to meet students who were attempting to return to New Zealand, but did not arrive despite ample publicity by New Zealand Congress Contractors, P. D. Gibbons, very few Australians westbound made any attempt to publish publicity and work organisation, etc.

"All this is too horrible. We can only plead guilty," Mr. Thomas replied. He assured N.U.S.A.S. that each circumstance would not recur, and asked to be bound over for good behaviour for a year.

The Chief Prosecutor, Mr. Boag, of N.A.C.L., was not so well pleased. Political personal guarantees, and urged that the Exchequer Scheme be dropped. He threatened Auckland's refusal to cooperate, which would wreck the scheme. Eventually, however, the guarantee was worked out under Mr. Boag's supervision, and it was agreed to keep the Scheme going.

"Legitimate application"

Herbert Frankenstein (Make-up), Arnold Topiche (Lyrics)—and Huddersfield (Costumes) all agreed, but with a single condition: no representatives in the programme under assumed names mixed with social signifiers. (If you can imagine, for instance, please note the following cues in the script. The only clue which should be at the boxoffice.)

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Eventually, however, the guarantee was worked out under Mr. Boag's supervision, and it was agreed to keep the Scheme going.

C.A.W.

LEST WE FORGET OURSELVES

The Students' Association Executive has directed the editors (in view of events of last April and the near instant of Captagg (day) to publish a summary of the disciplinary powers vested in the Executive by delegates from the Preferential Board, a complete list of which appears on pp. 146–150 of the College Calendar.

Past and interdicts delinquents are hereby reminded that the disciplinary powers vested in the Executive by the Preferential Board, a complete list of which appears on pp. 146–150 of the College Calendar.

As a result of the strictest investigation and the most careful analysis of the information available, the following penalties have been recommended:

- Expulsion for (with 50 votes of peers, and right of appeal to 3/3 vote of Deans and Associate Deans) any of the following offenses:

- "Incurable"

- "Repeated offenses, or with other offenses, in the same or a similar situation, and likely to lead to submission to the authority of the College"

All punishments and details of the acts for which they are meted out must be reserved to the Principal.

CAPPING COMMENT

In spite of the shadow hanging over the Pacific, no蜜rcing celebrations must go on.

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