letters

TO THE EDITOR:

There has been a great deal of talk concerning the con-
sumption of the freshman student's time. Some of this

talk concerns the immediate usefulness of the report.

These people, "Sure, we will find that freshmen don't like quiz-

zes; but we can't abolish the quizzes."

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zes; but we can't abolish the quizzes."

F. Thomas Bond, Jr. '58

Paul Hogle '61

Philip Fauchald '60

Manuel Blurn '58

Gordon R. Gilbert '61

Robert A. Solern '61

I wish I could legitimately claim credit for it.

Judy Labrack, Solveig Troxel and Nancy Williams play

the three Weirds, Furies who knit fate while they con-

template the audience and to most will be the most enjoyable, as

they try to provide some reliable and comprehensive information as

to how students experience their freshman year.

We hope the information will prove useful to those who have the

time to absorb its contents.

Yours truly,

Leila Sussmann

Wellesley College

reviews

Ed." - The Tech report several statements made by Dr. Sussmann and

His comments were more pertinent than they might have wished. News Ed.

The studies should, in my opinion, be continued at least until the end of the year. By then we will be better able to judge the value of the findings containing the change in the attitude of an Institute.

Daniel Brand '58

Our objections to the study have hardly been pragmatically

hated. It is with its "miller level," a doubled-edged sword, that we take issue. Ed.

TO THE EDITOR:

It is necessary for me to correct several misstatements in your page one story of Tuesday concerning the freshman student study.

1) I made no statement concerning funds for the study. In no way does the fund for collecting data through the first questionnaire, student journals, and interviews and for the analysis of these materials and the writing of a report work to the advantage of any student from that in advance. As I understand it, new funds are being appropriated to administer and analyze a second questionnaire concerning examination of the freshman year.

2) The purpose of the second questionnaire is not to determine the less of "gang-boomers" and the "severe dis-

associates among MIT students. Although you may step into both of these phantasies in quota masks, I do not use either of them. On the contrary, I made clear that I could not accept them as an adequate means of reaching a decline in ment
during the freshman year. Many people be-

lieve that there is and others deny it. One objective of the study is to find out whether morale goes up, down, or stays the same, for whom each of these situations holds true and why some of the students react to the MIT envi-
rone in a way and worse in another.

3) I did not say that a four year study would have "un-

3) I did not say that a four year study would have "un-

fateful and unnecessary consequences." I said nothing whatever about a four year study and I have a horror of manipula-

tion. A four year study has been discussed in some me-

nus, but so be it. We are simply trying to provide some reliable and comprehensive information as to how students experience their freshman year. We hope the information will prove useful to those who have the time to absorb its contents.

Yours truly,

Leila Sussmann

Wellesley College

"I wish I could legitimately claim credit for it."

Judy Labrack, Solveig Troxel and Nancy Williams play the three Weirds, Furies who knit fate while they contemplate the audience and to most will be the most enjoyable, as they try to provide some reliable and comprehensive information as to how students experience their freshman year. We hope the information will prove useful to those who have the time to absorb its contents.

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Wellesley College

"A magical theatrical experience." ~ WALTER KEER, Herald Tribune

"LOOK HOMeward ANGEL" "One of the finest plays to come to American dramatic literature in years."

A Triumphant Occasion in every respect."

If you want to see Broadway's finest in June, July or August, be sure to MAIL YOUR ORDER NOW!

Starring: LILLY MILLER, JAY PSINNEN, JOSEPH RYAN, MARILYN MONROE, JOHN HANCOCK HALL

15 Performances Daily

OPENING: THU., 7-10-58, 8 P.M.

Three performances per night, except on Saturdays when there are four performances. This production of THE TRIUMPHANT OCCASION is under the direction of ERIC RICHARDS. It is presented by the company of THE MANAGEMENT OF THE GOOD BOOKS-FULLER, W. W., AND COMPANY, LTD.

VOL. LXXVIII April 25, 1958 No. 19
**PHYSICISTS TURN ACTORS IN WATERFORD STUDIO**

The Physical Science Study Committee is now operating one of the first and best-equipped educational movie studios in the East. Named the Do-Yourself Scientific Apparatus Branch University Facilities to High School Student.

A small studio housed in the building is all that identifies the improvisation headquarters of the Physical Science Study Committee in Watertown; it neither nor the exterior appearance of the building itself gives any indication of the furnish activity and ingenious gadgets within. This building and a converted theater nearby comprise the total physical plant of the group that is revolutionizing the physics program in high schools throughout the country.

The theater is being used exclusively for the filming of special supplementary lectures and demonstrations; it is in the main building that the mechanical properties are developed and perfected for use in the films and in the classroom directly. These devices are, in large degree, the products of students and faculty members of the group, although the committee is not unwilling to accept some of the devices still come from the group's own device factory. Before a design is incorporated into the laboratory program, it must satisfy several rigid demands imposed by the Committee: It must be inexpenisive, simple all alterations for laboratory apparatus in most secondary schools are usually bought to a bare minimum; the construction must be simple, so that the materials must be as ready available about the house as around the Next, the student who, be he desigined, seek to improve the apparatus "after hours"; lastly, the project must be closely correlated with the course. Also of importance is the adaptability of the devices to the needs of different forms; this it particular interest since the instruction manuals for devices give not so much the exact construction procedures, but neither the descriptions of the apparatus involved and a minimum of the devices of its general form. As a result the group has been able to the student so that he might improve and improve the suggested apparatus.

Even more interesting that the theory behind the basic apparatus. The most important of these to date is the "ripple" tank, a machine used to generate waves under carefully controlled conditions. Such devices are needed in the past cost $100 or more, but the PSSC tank can be built for six or seven dollars. It is made from an ordinary window frame and glass mounted on a wooden framework or wooden blocks. Under the tank is set a 30-watt bulb, and a sheet of paper is stretched over it, insulated from the water. In some cases, the water blue appear in the tank, the correct mechanism for a ripple machine, for either plane or spherical waves, is only an interchange of glass plates and paper, and is powered by an inexpensive air-inlet motor. The cost of the tank, built in other equipment developed for the suffers primarily is that six dollars 3 is more expensive than most. For explanation, to build a ripple machine on a sheet of paper is designed to be built at a fraction of the cost and resources, at a cost of pennies.

(Continued on page 4)

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(Continued on page 4)
Frosh Trackmen Gain First Win

The froshmen track team gained their first victory of the spring season Wednesday afternoon as the Beavers downed Governor Dummer 68½-48½ at Briggs Field. The yearlings led all the way, winning eight of the thirteen events, including a clean sweep of all three sprints. Don Morrison and Gary Gustafson, with 14 and 13 tallies respectively, were high pointmen for Tech.

Joe Davis, with 12 markers, was the third Techman in double figures. Davis had a victory in the low hurdles event, a tie for first in the high jump and second in the broad jump.

White Shines

Brian White was outstanding in the distance events, leading off with a hard-fought-for second in the mile, and following with a brilliant effort in the 880, coming from behind in the last 200 yards to take the event in 2:08.7. Davis, McConnell, Morrison, and Kay Landlis starred in the field.

McConnell Sets Record

While gaining his victory in the broad jump, Dan McConnell leaped 24' 2 1/4" to set a freshmen outdoor record.

The frosh see action again along with the varsity against Tufts tomorrow afternoon.

PRIVATE SHOWING

VoO Doo staff members, who were unfortunately unable to view the fruits of their labor, Tuesday, are cordially invited to a private, "all-in vain" showing of rare imperfections, this Sunday.

THE VICEROY FILTER IS MADE FROM A PURE, NATURAL MATERIAL FOUND IN ALL FRUIT

- and it gives you Maximum Filtration for the Smoothest Smoke!

- From the same soft, pure material found in the rich pulp of nature's healthful fruits, modern filter scientists have created the greatest cigarette filter ever designed . . . the Viceroy filter. For the Viceroy filter gives you the maximum filtration for the smoothest smoke of any cigarette. More taste, too . . . the pure, natural taste of rich, mellow tobacco. Yes, Viceroy gives you more of what you change to a filter for!

VICEROY PURE, NATURAL FILTER . . .

VICEROY FILTER CIGARETTES

FRIDAY, APRIL 25, 19

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VICEROY FILTER CIGARETTES
Lacrosse Team Humbles Harvard, 6-5
Takes Lead in New England Conference

The varsity stickmen won their 10 straight game by scoring an 6-5 defeat and going on to a large third 6-5 victory over Tuesday.

In the opening seconds the Crimson showed their traditional power, getting two quick goals and following them up with more by the end for the lead. The crowd in the Harvard fans made sure the Cantab victory predicted in the Harvard Crimson coming true. It had not noticed that the Tech offense had tightened as the period ended.

They closed the afternoon's matter program will be the varsity heavy 

Coach Martin, an All American lacrosse player himself, wanted to together a tough team; and though they lost their opener in a non-conference bout, reminded them that they could win. He installed them in that spirit that takes a good team and makes them champions.

The Tech offense had pushed back within reach of victory. It was in the first few seconds of the fourth quarter, Harvard out through the Cardinal and Gray defenses for a score. With three minutes left their half finished. Both of these top teams

In the fourth minutes there was a deadlock. As rain fell, the Engineers gritted teeth and didn't give an inch. With two minutes to go, John Mitchell scored again to end the 6-2, Harvard.

The second half opened as the first half finished. Both of those top teams had stood defenses, but the Tech offense was beginning to gain on edge. In a beautifully executed move, Conoverfield was set up and scored after five minutes for the lone tally of the period. Thus the powerful Tech offensive machine had pushed back to within reach of victory.

CANA CONFERENCE
A Cana Conference for married couples, sponsored by the Technology Catholic Club and the Christian Family Movement, will be held on Sunday at 3:30 p.m. in the Library Lounge. Father Peter Shakulis will speak. All married people in the Milm community are invited to attend.

on deck
Saturday:
Baseball with Colby here 2:15 p.m.
Heavyweight Crew with Harvard, BU and Harvard, BU and UMass here 3:45 p.m.
Lightweight Crew with Harvard and Navy here 4:00 p.m.
Lacrosse at UNH 2:00 p.m.
Freshman Lacrosse with UNH here 3:00 p.m.
Rugby at Yale
Sailing - Sharpie Trophy at Primrose
Track with UMass here 2:30 p.m.
Freshman Track with Tufts 1:15 p.m.
Provincetown Sailing Regatta at Nantucket.

FSSC
(Continued from page 2)

Discussing the challenging problems of producing a worthwhile film, producer-director Milan Herzog said, "In Hollywood we can use 'relief'. When something goes wrong, we just cut the sound and show birds and trees, spring aliens, or actor's faces in rapt expressions. Nice effects! But here, we have no relief. All day today, our only relief was the hallacas flashing up to the ceiling." Directors Herzog and Karl Kopel are with Encyclopaedia Britannica Films, Inc.

Wakes Lead in New England Conference

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Golf Team Defeats Tufts and Brown in Early Season Play

As a result of the first three rounds of the season the MIT golf team has found themselves victors over Tufts and Brown while losing to Williams, Harvard, and Westminster.

Last Thursday the Tech golfers opened the season with a 5 to 2 victory over Tufts. Captains Bob Rosenfeld '59, Colin Clow '60, Jack Plotter '60, Bob Lawton '60, and Ted Schulte '59 were their matches. On Saturday the golfers lost to both Williams, last year's New England champions, and Harvard, 5 to 3, at the Oakley Country Club in spite of fine 73's by Rosenfeld, Clow, and Larson. The Crimson also edged out Williams 4 to 3. High point of the meet was a hole in one by Jim Hurley '59 won matches. On Saturday the golfers traveled to Rhode Island to match strokes with Brown and Wesleyan on the beautiful Wannamoisett Country Club in spite of fine 73's by Rosenfeld, Clow, and Jim Hurley '59 won matches. On Sunday the golfers lost to a strong Wesleyan team, 5 to 2. Rosenfeld, Clow, Larson, and Jim Hurley '59 were matches for Tech.