First Leadership Conference Next Week

**Wellesley, Tech Frost Take Emotional Tests**

Everyone in this year's freshman class of Wellesley and the Institute has been given a two-hour series of psychiatric tests. The tests, given as part of an experiment, are to measure, as well as tests are able, the relative emotional health and well being of the freshmen.

The tests were designed to aid in predicting the scholastic achievement of the students and to indicate those who, because of emotional bias or problems, might need help, or be a week of educational career. The tests given were a sentence completion test, a "tch" the appropriate sentence," and a health record.

**Gilmore Directs Tests**

In trying to discover the factors influencing achievement, both in and out of school hours, Dr. G. Gilmore, psychiatrist in charge of the tests, feels that family relationships are most important. It is hoped that this experiment will lead to a better understanding of these family relations.

The tests will be graded and used as a guide for initiating the Admissions and the Dean's office. However the individual results will be used only for the use of any Institute official, and, only with the permission of the student involved.

Dr. Parrowe, head of the Medical Department hopes to make the tests a regular part of the freshman orientation. They will however be made available to the students on request from the results of this year's tests.

**Admissions Use Material**

The tests were given to the Admissions offices and the Medical Department. The tests are to be used as a guide to the selection of students.

Given the tests have been reserved for freshmen, the tests were administered by Dr. Dana L. Farnsworth, Miss Olschenbrock of the Medical Department the professors being graduate students and professors.

The tests are similar to those given last year for Dr. Harris in his psychodynamic experiment. Each test was administered so that two students taking part in the tests this year apply to Olschenbrock by the Medical Department. The psychodynamic experiments recorded in the test report by the psychologist, field and helplessness.

Dean Bunker, Aide To Governor, Is Expert On A-Bomb Defense

"...redressing downtown Boston to rubble. The atom bomb was dropped over Hiroshima, 1945 in effect. It is a question that says something contains these sects in no longer capable of reasonableness. And its avoidance is certainly one of the arguments that favor the decision, the United States today. One man who has been much toward understanding the A-bomb is Dean of our own Graduate School of International Relations, Dr. John W. Bunker. In the spring of 1950, the Federal Government invited the governors of all the Northeastern states to each name a representative from his state to attend a six-week course on atomic bombs, their effect, and what to do in case of an attack. The challenge was to enable these men to organize Civilian Defense in their states against atomic attacks. Governor Dever of New Hampshire, Governor Cuyler of New York and Governor Bunker as his representative, possibly because of the work of Dr. Bunker did the National Conference of the Institute of protection for this attack.

Aide to Governor

Despite the sudden change from the role of teacher to that of student, Dean Bunker termed the six-week course very interesting.

He was given a thorough training in atomic weapons and defense against them, including all information then available. He acted as a consultant with many men who were given field problems at the end of the course consisting of determining the number of persons in a certain area which had been contaminated by the application of the course, and taught as much as the actual class work could possibly handle.

After attending this course, Dean Bunker was appointed to the governor's Defense Council.

A new activity of student government at Technology will take place on October 6 and 7 at the New Ocean House in Swampscott, Massachusetts: a leadership conference to study the problems of leadership and to try to find the answer to the question facing student activity leaders. It is hoped the individuals who are invited to attend the conference will pass on this knowledge to the underclassmen in their activities.

Dr. Dana L. Farnsworth, Assistant Director of the Institute, will be a representative of the students at the conference. Dr. F. L. Killian, Jr., Dr. Edward P. Mead, president of the School of Industrial Management and former Vice-president of the Dean of the Institute's Manpower, and Professor C. D. Rapp, new Dean of Students; Dr. Charles E. Gilmor, assistant to the Dean Thomas L. Hamilton, Professor John T. Fuld, Professor Alan Bar-

**Publicity Seminar is Set to Explain Bulletin Boards**

Publicity directors, presidents of Institute activities and any other interested parties are invited to attend a seminar on publicity, through bulletin board posters and other means, on October 3, at 5:30 in the General Assembly Room. C. H. Herrmann, C. M. Gardner, Professor of English, will conduct the seminar, which is largely sponsored by the Public Relations Committee and the Walker Memorial Committee.

The purpose of the seminar is to explain about the new bulletin boards which have been installed in the lobby of bullying and at the corner of buildings 6 and 8. All other bulletin boards on the first floor have been removed. The new boards have plastic backs up on the bulletin desks, with grooves for uniform size paper. The grooves, if needed, will need to be used. The Coop is responsible for cutting paper exactly into these grooves.

There is a built-in map piece on the bulletin boards which is reserved strictly for official notices. At the time of the seminar it will be decided by the group present if this policy of public instruction should be continued.

**PHILOSOPHICAL SOCIETY**

The Philosopher's Society will hold a meeting today in Eastham, at 4:00 p.m. to discuss "The New Student Life in the Summer." Nominations for this year's elections will be entertained.

**Publicity Committee**

In charge of publicity, the Publicity Committee is in charge of publicity, the Publicity Committee is responsible for the publication of all Institute offices, the bulletin boards, the staff, and the student newspaper. They are responsible for the..."
THE TECH
VOL. XXX III FRIDAY, SEPTEMBER 28, 1951
NO. 31
MANAGING BOARD
Stern Reader... Robert R. Kehoe, '52
Managing Editor... Melvin J. Tash, '51
Associate Editors... Charles C. Modiano, '54; G. C. Bok, '54
ADVERTISING
Sells... Gilbert B. Studenberg, '54
Accounting... Donald D. D. Smith, '54
 extras... J. H. R. Grinnell, '54

MANUSCRIPT BOARD
Charles A. Hadaway, Head of the Foundation's executive
board, has written that the project of
buying a house and saving some cash for the future
had to be abandoned. Mr. Hadaway,
who is still a member of the Harvard
University, has held the position of
Chief of Naval Operations in the
Atomic Energy Commission.

THAT FOUR-DAY WEEKEND AGAIN
As we have mentioned before in this column Thanksgiving
Day at present is similar to Lincoln's or Washington's Birthday,
just a day off. It is not at all clear to me how a bank holiday when
many students are able to miss their classes on Friday and Saturday
without ill effect, others with laboratories which cannot be made
up, and classes that must be attended, are forced to
continue.

If the Friday and Saturday of the four-day weekend must be
accounted for, the answer may lie along the following lines. A
student who observes the Jewish holidays knows that there are
vacations for Fridays or Saturdays and return on Mondays.
This means that it is not possible to make up for the
Friday of the proposed four-day weekend by leaving a day later for
home or by returning a day earlier. Since upperclassmen do not
have Saturday classes, leaving a day later for Spring vaca-
tions would not be a substitute for Friday, would not
be a substitute for Friday, would not
be a substitute for Friday, would not
be a substitute for Friday, would not
be a substitute for Friday, would not
be a substitute for Friday, would not
be a substitute for Friday.

As a substitute for the Friday of the four-day weekend
we suggest that Fall registration be held on Saturday, rather
than on Monday as it is now. The great majority of Freshmen
will be on campus having just finished Freshmen camp. Many
of the upperclassmen will also have returned, some to take
part in visiting others and yet others to get settled in their rooms.

Thanksgiving Day is a family holiday; it loses much of its
importance, along with a few comments on

ECONOMY—MISGUIDED AND DISASTROUS
While it is commonplace to speak of "the shortage of trained engineers" in this country, the public figures who are known to add and scienti
ficientific discussion of short supply. Working to alleviate this
deficit of fundamental scientists is but one of the activities in which
the National Science Foundation could engage. Yet, the House of
Representatives has just tappropriated $11 million from the
Foundation's request for funds of $14 million for the coming year.

That the Foundation has felt the axe is hardly to be
wondered at when one considers the alacrity with which the present
Congress wields the instrument. Considerations for the nation's
welfare seem to be unheard of. Like General Eisenhower, Presi-
dent Conant of Harvard, head of the Foundation's executive
board, has felt compelled to speak out publicly. "An example of
wise misunderstanding of advances in pure science." 

ACKNOWLEDGMENT: "Bequest to Science"—This
section carries copy from the
New York Times. Copy is
asked to be sent to George Bartolomei, 449 Mass. Ave.,
New York, N. Y.

Night Editor: Edward F. Leonardi, '53

THE FIRST CHURCH OF CHRIST, SCIENTIST
FRIDAY, SEPTEMBER 28
The MOTHER CHURCH PARENTE IMPORTA-
AND ST. PAUL'S CHURCH, BOSTON
6 MIN ST.
Sunday services 10:45 a.m. and 7:30 p.m.
Sunday School 10:45 a.m.; Wednesday ev-
Evening meetings on Christian Science.
All are welcome

OF GANT CHEVROLET CO.
844 MAIN ST., CAMBRIDGE
DEPENDABLE, PROFESSIONAL
To Fulfil All Your Motorizing Needs
Call TR 6-6600
Rick Snyder, Gen. Mgr.

Here's another instance where the
Patronage Refund
is very important
For Your Car!!

GASOLINE
WASHING
OIL

The COOP wishes to emphasize the fact that members of the Technology Store may pur-
chase gasoline and oil for their cars and obtain a Patronage Refund thereon. A Patronage
Refund is also paid on the charges for washing and greasing. To the drivers of cars, this rep-
resents a saving that is well worth while and you are urged to visit this Authorized TECH Store.

Technology Store Gas Station
218 MAIN STREET
KENDALL SQUARE ROTARY
Mobilgas
Authority: 1.00
Patronage Refund to Members
Freshmen Football Turnout Good; Poor Soph Showing

Field Day football faces a crisis. The turnout of Sophomore Gridlock is not adequate for the fielding of any team let alone a squad which can compete with a strong freshmen turn-
out. If more Sophs do not turn out at once it may mean that the Field Day football contest will not be held.

Football has become a firmly entrenched part of Field Day tradition. It is not only a big point winner in the annual tussle, but also a good indication of the kind of spirit a good class promotes.

The class of "54" fielded a good team last year. There is no reason why they can't do the same this year.

Let's see some of you husky Sophs reporting to Coach Howie Anderson. Show the Frosh what class spirit means.

Intramural Football Under Way Tomorrow
39 Teams To Play

The first intramural tournament of the year gets under way this weekend with thirty-two teams vying for the coveted title of intramural football champion. Last year's participants are back and there are some new entrants which promises an exciting contest.

Opening round games will be played during the normal practice hours, from Wednesday, October 7, through Saturday, October 9.

ATTENTION SOPHOMORES!!

The Sophomore football coach is now on the hunt for men. Except for the fact that there was almost no turnout of Sophs Coach Howie Anderson will try and face the Freshmen. The rumor is that he cannot whip a team into shape in time for the traditional game on Field Day. If the practice turnout on Wednesday is any example of that of the game the Sophomores will be three men short for there were only eight at Briggs Field for practice.

As for the Freshmen, response was quite contrary to that of the Sophomores. The turnout was the first official scrimmage game with plenty of material for Coach Bill Teeple to work with. The first work consisted of conditioning the boys. A list of possible starters was

---

Intramural Water Polo

A plasmon group of water polo enthusiasts at the Institute are staging a rally on Thursday, October 7, at 8:00 p.m., in Room 3-204. To be discussed are the following:

- Form of a possible organization, practice times, and finances.
- There will be a short talk on modern water polo.

The group hopes to make the sport a recognized intramural one within the school year. A sign-up sheet for those who cannot make the meeting but who are interested will be posted in the hall of the swimming pool.

---

JEWISH NEW YEAR

The entire society of those Jewish students who are not going home for the New Year holidays, the Harvard Hillel-MIT-Leedy Hillel Foundation announces the following schedule of services for Rosh Hashanah:

As for the Freshmen, response was quite contrary to that of the Sophomores. The turnout was the first official scrimmage game with plenty of material for Coach Bill Teeple to work with. The first work consisted of conditioning the boys. A list of possible starters was

---

Hillel Freshman Acquaintance Dance

There will be an acquaintance dance for Freshmen at Burton Lounge East Campus, 8 p.m., Saturday, September 26. Girls from Simmons, Radcliffe, Wellesley, and Boston University are invited. Reservations for all meals at Hillel House must be made by tonight calling Shorthand 4-6115.

---

TECHNIQUE ANNOUNCES 1952 SENIOR PORTRAITS

These will be taken during October. Make your appointments now in Lobby of Building 10.

Photography by Lincoln Studio, Malden. A sitting fee of $3.00 will be collected to cover initial work and to insure the inclusion of your picture in TECHNIQUE.

The entire $3.00 will be credited to your purchase of finished personal portraits. These are available in a variety of sizes at prices starting at $10/dozen and some special package offers.

A complete set of samples including special combinations is on display in Building 10.

---

MAKE SURE YOU ARE IN 1952 TECHNIQUE
Leadership (Continued from Page 2)

Bunker

(Continued from Page 2)

by President Killian, which is
a member of the American Institute
of Chemical Engineers. Other or-
ganizations of which he is a mem-
ber are the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.

Bunker is the American Academy of
Sciences, Alpha Chi Sigma, Sigma
Ludwig, and the American Institute
of Electrical Engineers. He is a
member of the American Institute
of Physics, the American Physical
Society, and the American Society
of Engineers.