

W. O. Strong Chosen Colonel Of R. O. T. C.

Other Appointments Of Student Officers Announced By Putney

The appointment of William O. Strong, '41 as Colonel of the Technology R.O.T.C. Regiment was announced last night by a special order of Colonel E. W. Putney, C.A.C., head of the department of Military Science. At the same time twenty-four other appointments and assignments as student officers were announced.

Appointed as Lieutenant Colonels were Warren W. Twaddle, Harry A. Helm, and Charles F. Kelley, Jr., while James R. Kirby, III, John J. Quinn, Bernard J. Driscoll, Herbert G. Twaddle, John T. O'Connor, and John L. Whelan Jr., were appointed as Majors.

Captains Appointed

The following men were appointed as Captains (Regimental Adjutants): Monroe R. Brown, Francis B. Herlihy, and Geoffrey R. Cannon. Captains appointed to command Company A are Bruce H. Anderson, Henry Lemaire, and William R. Wilcox. Company B Captains are Peter G. Wiesenthal, Richard C. Gibson, and Louis Rosenblum, Arthur W. Avent, Thomas T. Crowley, and John Hinchman were assigned as Company C's Captains, and Charles S. Ricker, Karl E. Wenk, Jr., and John H. Cantlin were assigned to lead Company D.

According to Colonel Putney's order the men who are appointed to positions of Battalion Adjutants and First Lieutenants will not be selected until a later date.

No Major Changes For Senior Week

Earl Nelson Signed For Senior Dance To Be Held January 9

At a meeting of the Senior Week committee held last night, it was decided that festivities could be carried out as originally planned with no major changes necessary in spite of the advancement of graduation exercises to April 27.

Concerning the Senior Dance, Carl L. McGinnis, '42, chairman of that dance committee, announced his group had signed Earl Nelson to play for the formal affair, which will be held from 9 until 2, the night of January 9 in Morss Hall of Walker Memorial. Three acts are planned for intermission entertainment. This dance is free to members of the Class of 1942, who will be admitted upon presentation of invitations received during Senior Week option sales, or other proof of membership in the Senior class.

Special "Pops" Concert

In furthering plans for Senior Week itself, Sheppard Young Tyree, '42, chairman of the Senior Week committee, stated that there will be sufficient time between final examinations and graduation exercises to schedule all of the events originally planned. The only event which the changes in curriculum will seriously affect is the concert by the Boston "Pops" Orchestra, but an attempt is being made to secure a special pre-season performance. If this attempt should be unsuccessful, the committee will endeavor to substitute some other activity of similar nature.

The committee also decided to take action by making contact with the deans of the larger girls' schools in this district in order to have special consideration made for girls attending social functions of Senior Week and especially the Senior Ball.

CADET COLONEL



William O. Strong, Jr., '42, whose appointment as student head of the R.O.T.C. was announced last night by the Military Science Department.

Staff Of The Tech Starts Vacation Early

In line with the prevailing unofficial policy of the student body, The Tech staff has all intentions of getting the most out of the coming Christmas vacation. Although we hate to rob the few brownbaggers and commuters who remain over into next week, we feel that they are so intellectually unimaginative that it would not be worth our while to put out an issue on Tuesday.

The next issue will appear after the holiday on Tuesday, January 6. Until then we wish you a very merry Christmas and a happy New Year.

Stratton Prize Contest Cancelled For This Year

Recent Developments At Institute Make Competition Impossible

The Stratton Prize Contest, held annually since 1930, will be eliminated from the Institute's extra-curricular events for the first time since its introduction, Dean S. C. Prescott announced last night.

"The sudden outbreak of the war has made necessary some drastic changes in the program of the Senior class for the second term. As they involve a rather intensive program for both students and staff it has seemed wise to cancel the Stratton Prize Contest for at least this year. If we are to be on a war basis in all Institute work for the next year or two, it will be probably advisable to await the return to our normal school program before resuming competition," the Chairman of the Prize Committee stated last night in a letter to The Tech.

The contest was founded eleven years ago by the late Dr. Samuel W. Stratton, then president of the Institute.

Price Of Vu Goes Up As None Are Returned

There is still an urgent need for twenty copies of the first issue of Vu, according to the managing board of this magazine. Accordingly, the first twenty copies which are turned in to The Tech business office, Room 301, Walker, will be bought at a straight price of thirty-five cents.

The office will be open from 2:00 until 5:00 P.M., Monday through Friday. All copies turned in must be in good condition. As yet, no magazines have been received by the business office.

Institute Plans Instruction For Defense

Courses Included In National Program Of Special Training

The quickening needs of America's war-gear industry for thousands of engineers and technicians to speed production of vital material on a vast scale will be met in Greater Boston in a new series of defense courses to begin early in 1942 under the Engineering, Science and Management Defense Training program, it was learned recently at headquarters here at the Institute.

Although more than one thousand men have already been trained for engineering and technical positions in industry, thousands more are needed in the nation's drive for all-out war production, according to those in charge of these new courses.

Participating in the series of courses which are sponsored by the United States Office of Education, are Harvard University, Technology, Northeastern University, Tufts College, Boston College, and Boston University. The first four will give courses in science and engineering, while Boston College offers courses in science and Boston University will give training in science and management.

The Program consists of nearly
(Continued on Page 2)

Dr. Compton Stresses Intelligence, Not Emotion Must Rule All Decisions

Placement Interviews To Start After Xmas

Placement interviews for seniors will be held as originally planned, it was announced last night by Mr. Nathaniel M. Sage, Placement Officer and Director of the Division of Industrial Cooperation.

Plans for these interviews have not been at all affected by the recent announcement by the Institute that all Seniors will graduate a month early. The interviews will begin immediately after the Christmas vacation, and it has been suggested that in connection with this, all Seniors spend part of their vacation giving serious thought as to how they can best do their part to help the nation in the present war.

A late announcement from Technique stated that some placement pictures are now available in the Technique office. Seniors may find out if their pictures are there by calling ELIot 1156. The rest of the pictures will be ready right after the Christmas vacation.

Text Of Dr. Compton's Address

Today the compelling urge of every American citizen and every American institution is to bring this war speedily to a successful conclusion. We are determined to eradicate aggression and aggressors from the world, and to establish a society in which free people can achieve their aspirations without fear or compulsion. Today the problem specifically before us of the Massachusetts Institute of Technology is how we individually, and as an institution, can most effectively help our country to make these noble purposes come true. And, most urgently, what can we best do to help win the war?

In a time like this we must take care lest our emotions overpower our intelligence. Never before has there been a war in which brain power has been so much more potent than brute force or undisciplined mob enthusiasm. For warfare today is highly mechanized, a few tanks can rout the bravest regiment of infantry; a squadron of bomber airplanes can destroy a fortress; a submarine can sink a mighty battleship.

To win this war we need many brave soldiers and sailors and aviators, but they will be uselessly sacrificed unless we arm them with more numerous and more powerful tanks and other anti-tank devices with which to fight tanks; unless we build fighter planes so numerous and equipped with such ingenious instruments and powerful armament that enemy bombers will be helpless before them; unless we devise means for detecting and disposing of enemy submarines before they are able to perform their deadly mission; unless we invent and build and use a host of technical devices more potent than those which our enemy can bring to bear against us, and unless we keep continually ahead of him in this terrible race for technical superiority.

I am trying to emphasize the fact that, if our war effort is to be successful and not needlessly wasteful of American lives, it must be fought on the highest level of technical skill which our scientists and engineers can devise, which our industry and labor can implement through production and which our armed forces can use through sound training and progressive leadership. Furthermore we must be far-sighted enough to plan for a war whose decision may not be reached in two or even three years. With these considerations in mind, what is the most intelligent and effective program for us at the Massachusetts Institute of Technology?

We should give first priority to the education and training of scientists and engineers to the highest degree of competence. In this essential field we have unexcelled facilities. While an enormous program of training skilled workers for industry and the armed services is wisely being accelerated all over the country, it is equally essential to have more physicists, chemists, applied mathematicians, communications and power engineers, metallurgists, aeronautical and automotive engineers, meteorologists, economic geologists, ship designers, nutrition experts, industrial management engineers,—in fact the whole gamut of M.I.T.'s product. Particularly urgent is need for men skilled in design, construction and operation of instruments involving the most advanced knowledge of electronics, optics, acoustics and mechanics. I believe M.I.T.'s most effective contribution is to turn out such men.

To accomplish this, we must maintain our educational program in the engineering sciences. We should not curtail it, but rather intensify it by substitution of war emergency subjects in place of many of the non-professional subjects which are normally desirable for cultural breadth and intellectual recreation. We should even urge the most
(Continued on Page 4)

Students, Faculty At Convocation In Bldg. 7 Lobby This Morning

"In a time like this we must take care lest our emotions overpower our intelligence", warned Dr. Compton in his address to the student and faculty convocation in the Lobby of the Rogers Building this morning. Citing the urgent need by the nation's armed forces for men with scientific training, President Compton stated that in his opinion Technology's most effective contribution to the nation's war effort is to turn out men skilled in the design, construction and operation of instruments involving the most advanced knowledge of science.

Our president further stated that he, personally, does not favor a policy of continuous study twelve months of the year with no time off for summer vacation, adding that experience has shown that such a policy "turns out immature graduates with inferior education and mentally stale".

In the first convocation held at Technology in over three years, Dr. Compton discussed from the point of view of all concerned Institute policy during the present war emergency. All classes were dismissed at 10:40, in order that the entire stu-
(Continued on Page 4)

Arend Outlines Safety Measures

Bulletin Now On Hand By Prof. Voss Concerns Air Raid Precautions

Copies of a bulletin on what home owners should do in case of an air raid are now available for fraternities at the information office of the Institute, according to John S. Arend, '42. The instructions have been compiled by Professor Walter C. Voss, department of Building Engineering and Construction, and have been made available to fraternities through the efforts of Arend, chairman of the Interfraternity Council.

Only a limited number of copies are to be had, hence distribution has been restricted to ten per fraternity. In addition to the instruction for control of fires, the bulletin contains advice on how to protect property by taking advance precautions. Arend stressed the importance of organizing now for protection against future catastrophes in case the city is bombed. Proper delegation of authority is important, he said.

Stating that since opportunities
(Continued on Page 4)

Wendell Phillips Is Elected Eta Kappa Nu President

Wendell E. Phillips, '42, was elected President of Eta Kappa Nu, student honorary Electrical Engineering society at the annual elections meeting held last Wednesday. Other officers elected to serve for the coming spring term are: Vice-President, Robert I. Kraus, '42; Treasurer, George J. Schwartz, '42; Corresponding Secretary, John L. Hummer, '43; Recording Secretary, William G. Denhard, '42; Bridge Correspondent, Warren W. Menke, '42.

The Tech



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OUR POLICY—CONVOCATION

Clarifying the policy that the Institute shall attempt to follow during this crisis in our nation's history, Dr. Compton talked this morning to the first assembly of the student body and staff since 1938.

Speaking with the calmness that has been so typical of Institute action since the national emergency became apparent over a year and a half ago, he emphasized the importance of preventing emotion from obscuring intelligence in any action, either as individuals or as a group.

The convocation, following on the heels of the faculty decision Wednesday evening to alter the curriculum of the Class of 1942 to enable it to graduate by April 27, is another indication of the spirit of true patriotism displayed by the Institute.

As a result of this convocation, the student body should have a much clearer view of the Institute's long run plan of action. However, the student must realize the fact that in times such as these, conditions change very rapidly and what may be true today may be entirely changed tomorrow. It is the ability of a people to adapt themselves quickly and wholeheartedly to changes as they occur that is the real test of a nation's morale. We Americans have always been proud of our ability and achievements. It is now that we will be able to prove our real worth. We shall not fail to live up to our heritage.

MERRY CHRISTMAS, 1941

The nineteen hundred and forty-first anniversary of the birth of Christ finds anything but peace on earth and good will toward men. However, though the world is now in the midst of the greatest catastrophe that it has ever faced, the real spirit of Christmas is not dead. Many places it may be ground beneath the iron heel of the tyrant aggressor, but the spark will never die out.

Indeed, over half the population of the world is fighting for the right to live in the spirit which Christmas represents. That fight must and will be won.

At this time, as no other in history, it is necessary to redefine the Christmas principles in terms which are significant to the progress of man. Giving of gifts, school vacations,

and special dinners pale into insignificance beside the ideals of Christian brotherhood which underlie these acts.

This Christmas should be one characterized by consideration of others. Men in our armed forces should be given every comfort and cheer as well as those who are more unfortunate in the possession of worldly goods. The greatest joy that can be obtained results from that inner feeling of good will created by sincere kindness toward others.

The Tech wishes to extend to the student body and staff of the Institute its most sincere desire that they have a most enjoyable Christmas, celebrated with the thought of the REAL Christmas spirit.

THE READER SPEAKS

Inspired Studer

Editor, The Tech:
Dear Sir:

Sunday, December 7, I attended the annual fall concert of the Wellesley College Orchestra, and came back to Technology with several distinct impressions in my mind.

The first was the fact that the audience filled the auditorium and the second was the realization as to what a wonderful contribution to college life a school auditorium makes. It seems to me that one of the most pressing additions needed by the Institute is an auditorium of decent size. Although thought of new buildings must be given up until the present situation has been cleaned up, I feel that when the Institute does plan further construction a great deal could be gained by forgetting the academic curriculum and sports program for a moment and by considering another essential phase of student life.

An auditorium would be invaluable to every student. It would provide a proper setting for the Glee Club, Orchestra, Debating Society, Drama-shop, visiting lecturers, and, most important of all, a spot for student body chapel programs and assemblies. The absence of the latter has been one of my biggest disappointments here at the Institute. A student assembly of the whole school would do so much to remove the feeling that the Institute is a factory.

Who would have thought that an orchestral concert at Wellesley would inspire me to unburden my mind like this.

Sincerely yours,
Inspired Student, '42

P.S. Psychology teaches that a little humor always helps to put across a point. This, too, is a by-product of the concert, being part of the printed program.

VI. Triumphal March From "Peter and the Wolf"

Peter: The Whole Orchestra
 Grandfather: Jean Nearing, '44; Anna Meister, '45
 The Cat: Joan Pinanski, '42
 The Bird: Jane Gillson, '44
 The Duck: Helen Torbert, '44; Ann White, '42
 The Wolf: Allen Green, Harvard, '42; Thomas Crowell, Harvard, '43; Karol Musa, '45; Russell Phelps, Harvard G.

Unity of Purpose

Editor, The Tech:
Dear Sir:

It seems a little odd that with all the various activities which exist at M.I.T., the Institute Committee found it necessary to set up a special subcommittee to handle the sale of defense stamps. Briefly, I believe that the situation is somewhat as follows: There are numerous organizations at M.I.T., each of which seeks to contribute something to the war effort, but apparently all these efforts are not coordinated. Further, none of the various groups involved has been able to take on new tasks as rapidly as the changing situation has demanded. It would seem that what is needed is the formation of a new organization at Technology such as a "Technology Defense Council." Such a group could involve the participation of the greatest possible number of students in its work. It could carry on such activities as the following: Sale of defense stamps, enrolling students for the Red Cross Blood Bank, arranging for the use of the swimming pool and other athletic facilities by the U.S.O.

In Building 10 there is a bulletin board above which appears the name "Technology Peace Federation." It is perfectly obvious that this organization long ago ceased to function and that its bulletin board has long been unused. The Institute Committee would do well to bury this corpse and to permit the use of this bulletin board for publicizing the activities of any new organization such as the one suggested above.

Sincerely yours,
Sumner Ackerman, '44

For Boys To Play

by Stewart Rowe and Joseph Tankoos

This department, having been recently madly maligned, scurrilously slandered, and otherwise journalistically mistreated in the yellow press columns of what necessity forces us to call a fellow publication, will steadfastly maintain its dignity and hold as below mention any comment regarding this unprovoked attack. Nor will we say anything about the immediate author of this illiterary monstrosity so quaintly known as "Stinker Stempt."

To him only our best literary wishes that he may succeed in his grandiose attempt to leave the longest possible time interval between the date of his admission to Technology, and the date when the Institute will, with appropriate ceremony and relief, confer upon him a degree. At present the Charlesgate Culprit has achieved something in the nature of a record by taking as long as he has to complete as little as he has in the nature of school work.

Nor will we make any reference to the person known as "Horrible Hawk" whose tremendous jealousy of a much more successful publication has caused an even further shortage of hair on the bristly knob atop his sloping shoulders.

This being a nite of not doing things we carry the theme a bit farther and refuse to do what several people have urged us to do—write a gossip column.

In not writing this we will have nothing to say about the well-known "Jocko" Herlihy and his trials and tribulations out around Mt. Holyoke district. We won't mention the fact that for some time last week-end young "Jocko" went without the soothing ministrations of Lady Morpheus—the goddess of sleep.

Such a policy of silence likewise forbids mention of B. (for Brains) Brindis and his interesting amour d'amours with someone known as "Bevvie the Beaver."

Saddest of all however is the covering up of what recently happened to one Sleazy Van N. while he was eating dinner—at ten-thirty p.m.—in his favorite lair: the Esplanade Quoth a lady fair who sat with Sleazy and his friends: "My god, his eyes drip just like Victor Mature." Probably that is why Genial Gene Brady, Stempt the Stinker, and many of the other Beacon Street Boys are calling him "Vic" or better, "Drippy."

Back to work: The Junior Prom Committee, through Dick Childerhose, has asked us to extend their thanks to those of the Class of '43 who sent in replies to questionnaires recently distributed and to request those who have not yet done so to please get on the ball. This is the only way the Prom Committee has of ascertaining whether the many new proposals for this year's dance meet with class approval.

With Technology cafe society leaving in droves, the Halls of the Institute beginning this week-end, there are many plans floating about for fun and frolic in the various home cities.

In New York City, the world's greatest, New Yorkers, Westchesterites, New Jerseyites and others, will convene at that hangout of all college men, the German-American Rathskeller on Third Ave. Present specifications call for a big group meeting at this place come Friday nite, December 26. Mostly arranged by Bert Picot, '43, it is expected that both dorms and fraternities will be largely represented.

Magoun Gives Final Lecture In Fall Series

Engagement Period, Man's Invention, Is Discussed

Professor F. Alexander Magoun delivered the last of this term's series of lectures on preparation for marriage in Huntington Hall last Tuesday, December 16. This lecture was about the engagement period.

According to Professor Magoun there are four main stages in getting married: meeting the girl, courtship, engagement, and the actual marriage. "The period of engagement," he said, "is an invention of mankind. No other mammal on this sphere has created a transitional period between bachelorhood and the actual mating." Professor Magoun went on to expound his belief that this period is very important because it allows both parties to learn the problems of adjustment, meet their respective families, and realize the troubles that will face them in the future.

Engagement Follows Courtship

The period of engagement, he explained, is an interval where the couple grows to know each other much more intimately than during courtship. The intimacy of marriage, however, should be lacking.

The ideal couple, according to the professor, would know each other for two years and have a courtship period lasting one year. He went on to say that a very long engagement is just as harmful as a very short one.

Brookline Girls Face Problem

He also quoted statistics to show that in Massachusetts, girls from Brookline have the least chance of getting married. This is because there is a ratio there of 100 girls to every fifty boys.

Professor Magoun also noted that as a result of the five day enforced waiting period which Massachusetts requires between issuance of the license and the actual ceremony, six per cent of the licenses issued are cancelled by the time the five days are up.

Defense Courses

(Continued from Page 1)

70 individual courses, ranging from elementary engineering drafting and calculus, through chemistry and physics and including such subjects as differential equations, metallography, radio communications, tool and fixture design, electronics, sanitation and many subjects relating to production control, planning, and engineering.

Entrance requirements for enrollment in the courses will range from high school graduation to degrees from recognized schools of engineering, science or management.

The proposed program will comprise full-time day courses as well as evening courses of college grade for those men who are already employed. Organized to comply with the engineering defense training program of the United States Office of Education, this plan is part of a nation-wide project supported by the government for specialized training in fields essential to national defense.

The other engineering schools in the Northeastern regional district.

(Continued on Page 4)

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CAGERS EDGE VERMONT 48-38

Hoopsters Victorious After Defeat By Tufts; Win Follows 38-23 Loss

17 Point Tie At Half Quickly Remedied By Team; Marakas Leads Beaver Scoring

The Technology basketball team took the measure of a strong Univ. of Vermont aggregation last night in a hard fought game that was nip and tuck most of the way. The game which was played in the Hangar Gym marked the Beavers second victory in four starts. George Marakas sparked the victors attack with five field goals and four free throws for a total of 14 points. Jerry Coe followed closely with 12 points while Killick, fast, shifty forward for the Green and Gold led the visitors with 16 markers.

The engineers got off to a fast start and gained a temporary lead which was soon cut as the cats found themselves. At the halfway mark the count was knotted at 17 points apiece. The score remained close until early in the third period when the fast break which the Cardinal and Grey employed for the first time this season began to function and the home team gained a substantial lead. The visitors, surprised and helpless before this new style of play, which coach McCarthy decided to use at the half, promptly dropped behind and Tech's lead was never in danger.

At the final whistle the score read Tech 48, Vermont 38. According to the Green and Gold's coach "Stuff" Evans the local cagers should experience some difficulty with their next opponents Williams who defeated the Vermont quintet 56-29.

Tufts Downs Varsity

In one of the most erratic games this season the varsity cagers lost to a powerful Tufts quintet on Tuesday by a score of 38-23. The game, which was played at Medford could have been won by either team until the middle of the third period when Tech dropped too far behind. Ernie Artz led the Beavers in scoring with 7 points while Red Dolan and Jack Whelan each garnered 5. Nick DelNinno paced the Jumbo attack by gaining fourteen markers.

The game got off to a very slow start with Tech drawing first blood on a foul shot. The home team then took the lead which they maintained throughout the game. Both teams were sluggish and overcautious at the outset however until almost the end of the first quarter the score stood 2-1. Tufts then forged ahead while Tech's second team was in and at the half way mark the score stood 18-7. Neither team was able to break through the others defense until the third quarter when a rally by the Jumbos increased their lead and the score stood 24-9. The Beavers then rallied and the count came to 26-17 but the Cardinal and Grey were unable to cut their opponents lead further. It was obvious from the outset that neither team was in its customary form, however the combination of the Jumbos faster passing and the engineers inability to shoot decided the outcome.

Frosh Receive Trouncing

Suffering their fourth defeat in as many starts the Beaver yearlings went down before a faster Jumbo first year aggregation in the preliminary contest at Medford on Tuesday. The play was slightly in the home teams favor in the first half the count being 19-13 at mid game. The third period however saw the engineers bottled up and a Tufts rally brought the score to 36-14. The Cardinal and Grey were unable to stem the tide and the final score was 51-25.

Crimson Sinks Tech Natators

Harvard Powerhouse Outclasses Varsity; Loveland Sole Win

Wednesday evening the varsity swimming team lost its third swimming meet of the season to a vastly superior Harvard team. Behind from the start, the team managed to garner only 23 points to the Crimson's 52.

The exceptional Technology showing of the meet was made by Jack Loveland, holder of the Institute breaststroke record, who coasted the first 100 yards of the 200 yard swim, and then pulled up from about 10 yards behind to win by about the same margin with a time of 2 minutes, 45.4 seconds. This was the team's sole win of the evening with the exception of the final 400 yard relay, which seasawed between the two teams, and was finally saved for Technology by Captain Bill Denhard, the anchor man.

Divers Star

Bob Reebie, '43, and Jack Hunn, '44, made good showings in the diving event, with Reebie taking second and Hunn third, in spite of an injured knee.

The winning freestyle relay team was made up of Henry Tiedemann, '43, Ted Thomas, '43, Ed Pepper, '42, and Bill Denhard, '42. Their time was 3 minutes, 56.4 seconds.

Ted Thomas, the only Tech man in the 100 yard freestyle, came in second to Eusden of Harvard, whose time was 55.5 seconds. Harvard's most outstanding performance of the evening came in the 440 yard freestyle, when Bob Gorman sprinted well out ahead to win the event by better than a lap, in the time of 5 minutes 18.9 seconds.

The tabular results of the meet follows:

300 yd medley relay: won by Harvard; Time 3:12.8 m.
 200 yd freestyle: won by Curwin (H); Downing (H) 2nd; Pepper (T) 3rd; Time 2:22.8 m.
 50 yd freestyle: won by Eusden (H); Harris (H) 2nd; Denhard (T) 3rd; Time 24.8 sec.
 Diving: Won by Patterson (H); Reebie (T) 2nd; Hunn (T) 3rd; Winning points 88-2.
 100 yd freestyle: won by Eusden (H); Thomas (T) 2nd; Shrewsbury (H) 3rd; Time 55.5 s.
 150 yd backstroke: won by Drucker (H); Mathis (H) 2nd; Gershenow (T) 3rd; Time 1:53.7 m.
 200 yd breaststroke: won by Loveland (T); Time 2:45.4 s.
 440 yd freestyle: won by Gorman (H); Barnes (H) 2nd; Arsen (T) 3rd; Time 5:18.9 s.
 400 yd relay: won by Technology; Time 3:56.4 m.

Raqueteers Lose To Newton YMCA

The M.I.T. varsity squash team was severely beaten by the Newton Y.M.C.A. raqueteers last Wednesday by a 5-0 score, in a series of matches played at Newton.

The Tech men only won three games in all, the closest match being between John Sheetz of Tech and R. Coonk of the "Y." Coonk won the first two games, 15-12 and 18-13, after which Sheetz came back with a great spurt of energy to win the next two games, 15-4 and 15-8. The last game was an extremely close fought battle, with Coonk oozing past Sheetz to take the match with a 15-11 victory.

The other results were as follows: F. Chase of Newton defeated L. Stouise 15-10, 17-16, 15-8; C. Trelax of Tech was beaten by W. Coff 15-11, 15-12, 15-10; F. Harvey of the "Y" beat John Gunther 15-12, 15-11, 15-12; and J. Barry of Tech lost to P. McKinnon of Newton 15-10, 15-10, 12-15, and 15-10.

WRESTLING CAPTAIN



Captain Robert C. Fettes, '43, of the varsity wrestling team.

Matmen Downed By Wesleyan, 24-2

Gillooley Makes Only Pin; Fettes Gets Sole Decision For Beavers

An unusually strong Wesleyan wrestling squad defeated the Tech grapplers by the score of 24-2, yesterday afternoon in the Hangar Gym.

The Wesleyan team, the second to meet the M.I.T. matmen this season, was expected to be in top form, as five of its members are New England Intercollegiate Champions. However, Coach John Lutz, while not disappointed in the individual performances, did say that he was disappointed in the outcome of the meet itself.

Good Bouts

The bouts were all well wrestled, the most outstanding of which was that between 128-pounder Bill Clark of Tech, and James Davies of Wesleyan. It was an extremely fast moving match, and both boys put on a good show, with Davies finally coming out on top by a 7-4 decision.

Captain Bob Fettes' 7-4 decision over Frank Bowles of Wesleyan was the result of a very evenly matched bout. Fettes wrestled an excellent match, and, with fairness to his opponent, well deserved the decision. These were the only matches won by the Tech team.

The scores for the bouts are as follows:

Wesleyan 24, Tech 2

121 lb., Bob Gillooley pinned J. Lamade of Wesleyan in 5 min. 25 sec.; 128 lb., James Davies of Wesleyan won a 7-4 decision over Bill Clark; 136 lb., C. G. Richardson defeated Dick Grant of Tech by a 6-1 decision; 145 lb., captain Bob Fettes won a 7-4 decision over Frank Bowles of Wesleyan; 155 lb., W. N. Heironimus pinned Bill Botten in 8 min. 30 sec.; 165 lb., H. W. Croop of Wesleyan beat Hugh Byfield in a 10-2 decision; 175 lb., D. Stuart pinned Walt Masnik of Tech in 7 min. 16 sec.; and in the heavy class Bill Moore was pinned by B. Vander Clute of Wesleyan in 2 min. 30 sec.

Gym Team to Hold Meeting Today At 5

"The gym team, whose activities have been curtailed for the past week due to the national emergency, will resume practice in the very near future," said William G. Franklin, '43, manager of the team, in an announcement to The Tech last night.

A meeting is scheduled for today at 5:00 P.M., in Tyler Lounge of Walker Memorial, at which time the arrangements for practices will be announced.

Track Will Continue During Vacation, Hedlund

For the benefit of the boys staying in Greater Boston during the Christmas vacation, track coach Oscar Hedlund will be at the Barbour Field House between three and four o'clock every afternoon during vacation.

Oscar is giving this time to anyone who wants a good workout on the boards behind the swimming pool.

The track coach stated last night that he was pleased with the large number of freshmen who are still coming out for track. The number is about half of the former group of freshmen out for track.

Colby Tops Icers In Extra Period; Final Score 8-5

Tech Leads Throughout Colby Scores Thrice To Win In Overtime

With three quick thrusts in an overtime period, Colby's hockey sextet whipped Tech decisively, 8-5, before a large college crowd in Boston Arena Tuesday night. Tech was behind only once in the entire game and forced Colby to put itself all out throughout the game to hold on to a slim victory chance. But with Colby catching up in the last period to a 5-5 score, the game went into overtime, and Tech didn't have anything left to win with.

Bettes was the individual star, according to official accounts, with 3 goals and 1 assist. He passed to Kaneb to open the scoring and to give Tech the early lead. Colby got in to tie the score only to have Bettes come in on Loring again on a Christison pass to put Tech into the lead for the second time. Wallace scored for Colby to end the period with a tie.

Tech Leads Until End

The second and third periods were Colby continually attacking and Tech continually on the defense. Tech occasionally put on a quick stab into Colby territory and kept in front right down to nearly the end of the game with well finished plays. But Colby's pressing tactics told and the score was tied again at the end of the game with Tech seemingly in no condition to score again.

Bettes was easily the outstanding man on the ice with the ability he had to finish off the meager number of scoring opportunities earned by Tech. All of his goals were perfectly played. Kaneb sparked nearly every Tech attack and was able to garner a few points for his own scoring record.

Tech On Defense

The rest of the Tech club seemed to be handicapped by the strictly counterpunch style of hockey. They seemed to be under orders to get back to their own defensive zone before they had barely gotten into the Colby area with an attack.

The Lake Placid Hockey Tournament is the next activity on the pucksters' docket. The puckpassers leave from Boston sometime on Christmas day according to last reports and stay at Lake Placid until December 29.

The next game in the New England league is with Boston College on Tuesday, January 6, at the Boston Arena.

'45 Swimmers Down Harvard For First Time

Losing Only 2 Events, Frosh Lead Through Meet To 38-28 Win

Wednesday night in the Harvard pool the freshman swimming team broke a record which has stood since the beginning of competition between Harvard and Technology—they became the first Technology swimming team ever to defeat a Crimson team. In this meet, which was a preliminary to the varsity meet, the freshmen were ahead from the start, finally winning by the score of 38-28.

Diving and the 100-yard freestyle were the only events in which the frosh missed taking first. The newly-elected captain of the team, Jim Leonard, started off with a victory in the fifty-yard freestyle with a time of 25.4 seconds. Bob Knodel then pulled through to take the 100-yard breaststroke event at 1 minute 13.6 seconds, followed by the third place of Steve King to bring the team 6 more points.

Findlay Stars

The most spectacular happening of the evening came at the end of the first lap of the 100-yard backstroke, when Gordon Findlay, who was leading the field, ran head on into the end of the pool, and lost his lead while recovering himself. However, he soon got going again, and came through to win the event easily, in the time of 1 minute, 9.7 seconds.

The 150-yard medley relay was taken easily by a Tech team made up of the winners of the backstroke and breaststroke events, with Paul Cruickshank swimming freestyle, in the time 1 minute 28.7 seconds. The final relay, which was the deciding factor in the meet, was swam by the same team which beat the Sophomores on field day. The finish was one which would have caused a long argument had it not been that it went to Tech by disqualification when three of the four Harvard men jumped their starts.

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Speech

(Continued from Page 1)

gifted students to continue with more advanced study after graduation, without which many of the most urgent technological fields cannot be mastered.

We should also utilize intensively our resources of laboratories and staff for research and development work on materials and mechanisms needed for successful prosecution of the war,—giving major attention to those projects of greater military significance. Already some work along these lines is in progress. More will be undertaken, and such work can well absorb some of the ablest graduates from the educational program.

In all these things we must collaborate with the governmental agencies and armed forces. In some cases we will be asked and in some cases we may be ordered to take certain actions. For example, the Army Air Corps has requested us to speed up our special training of meteorologists, so that they may be commissioned on February fifteenth, and a new group enrolled to begin training on March first. As to the national policy regarding permission for students in scientific or engineering courses to complete work for their degrees, we only know that the word up until now is that such permission is contemplated. We are convinced that, for most of our students, this policy is in line with the best national interest, and we shall direct our efforts and influence to this end.

In this judgment we are supported by the fact that officers and officials most actively concerned with recruitment of high grade scientific personnel for war services are acutely conscious of the almost desperate lack of adequate personnel of this type, and are even advocating governmental subsidiaries to encourage promising graduates in science or engineering to go on into postgraduate study as a patriotic duty. I myself have had personal contact with situations in which a hundred more first class scientists, if they were available, could be of more military value than a fleet of battleships.

To implement the war effort along these lines, the Faculty of the Massachusetts Institute of Technology have taken the following actions:

- (1) For this year's senior class the program will be speeded up, with some curtailment of non-professional subjects, to permit graduation on April twenty-seventh.
- (2) Substitution of special study and training in subjects important for the war effort will be authorized in place of certain non-professional requirements of the normal curriculum of all classes, and even in place of some ordinary professional requirements where conditions justify such substitution.
- (3) Thus far no change has been authorized in the schedules of first, second or third year class, or in the Graduate School. I anticipate that some changes will be made, but that these will not be so drastic as to weaken the quality of professional education in our scientific and engineering courses. Unlike most other types of colleges, our type of training points directly into those areas most vital for national defense. Hence a type of educational curtailment or speed-up which might be in the national interest in a liberal arts college, for example, might be decidedly detrimental to the national interest in a technological college.

ment to the national interest in a technological college. For this reason this problem is being intensively studied by engineering educators and government officials. We are participating in this study, and our Faculty will defer action on any general modification of the college calendar until the results of this cooperative study can be included in our consideration of the problem.

It may not be improper for me at this time to express certain personal opinions, which are shared by many of my colleagues. I do not favor a continuous undergraduate program without summer vacations and beginning early in the summer following secondary school graduation. Previous experience proves that this turns out immature graduates with inferior education and mentally stale. Furthermore, the total net gain in number of graduates, however long the program is continued, is only one year's crop of graduates. This is because the students enter the freshman year only as fast as they

come available from the secondary schools, and this number is substantially fixed. Consequently we hope that our action may insure essential educational excellence, proper intellectual maturity at graduation, and simultaneously have no large gaps of time when our students are not actively engaged in service or preparation for service in some aspect of our war and defense effort. I believe a solution along these lines can be found and adopted in time to permit all arrangements to be made conveniently.

Finally, a few words about your individual problems, as students who are at the same time loyal American citizens anxious to be doing your proper national service in this emergency. Some of you are preparing to enter the armed services as Reserve Officers who will expect to be called to active duty in those branches of the service in which your professional training will enable you to serve effectively. I am proud of this group of our students and I can testify from personal study of requirements for technically trained personnel in the Army and Navy that your services are urgently desired and will be very valuable.

No less important service will be rendered by those of you who will devote your energies and skills to the problems of design and production of equipment needed by the armed services or essential materials required by the civilian population during this emergency. This type of service is less spectacular but it is equally important, for without it your brothers-in-arms could not perform their functions effectively.

Within the limits permitted under the Selective Service Act, whatever a young man does in this na-

Convocation

(Continued from Page 1)

dent body might attend this meeting.

One of the most important points Dr. Compton brought out in his talk is that the educational program at Technology should not be curtailed, but should be intensified. He stated that this might be accomplished by substituting war emergency subjects in place of many of the present courses which are intended mainly to give students a broader cultural background.

He further stated that the Institute is convinced that, for most students, the national policy of permitting students in scientific or engineering courses to complete the work for their degrees, is in line with the best national interest.

I. F. G.

(Continued from Page 1)

are open in Boston for home owners to learn the duties of air-raid wardens, and since fraternities come under this classification, he suggested that someone from each house be enrolled in this course. He expressed the opinion that fraternity houses represent a large investment, and that precautions for their protection should not be taken lightly.

tional emergency is a matter for decision by his own conscience and intelligence, and there is no one pattern which is right for all, except the broad pattern in which all of us try to the best of our ability to devote our energies and abilities in directions where they are needed. No man who is planning his course in line with this basic pattern should feel either that he is performing a superior function or an inferior one. The only man in these days who should feel embarrassed in the society of his fellows is the one who is seeking to serve his own personal ends rather than his country's needs. From my personal acquaintance with the student body of M.I.T. I have no misgivings about your attitude and only wish to say, that we of the staff are working along with you in the service of our country.

CALENDAR

FRIDAY, DECEMBER 19

- 10:45 A.M. President's Convocation—Rogers Building Lobby.
- 5:00 P.M. Debating Society Meeting—Litchfield Lounge.
- 5:00 P.M. Gym Team Meeting—Tyler Lounge.

TUESDAY, DECEMBER 23

- 5:00 P.M. Christmas Vacation Begins.

THURSDAY, DECEMBER 25

Hockey Team Leaves For Lake Placid.

Defense Courses

(Continued from Page 2)

which includes Maine, New Hampshire and Vermont, as well as the rest of Massachusetts, are also preparing to expand their courses this winter. These programs are being planned by the individual colleges, which have the cooperation of the regional adviser on engineering, science and management defense training, Dean Edward L. Moreland of the Massachusetts Institute of Technology.

The joint program of the six Greater Boston institutions is being arranged to avoid duplication and to assure the most effective utilization of the special teaching and laboratory resources of each. None of the courses conflicts with or replaces regular evening courses now being offered by such agencies as the State University Extension Service, the Lincoln Institute, the Lowell Institute School, or the university extension courses of Tufts College.

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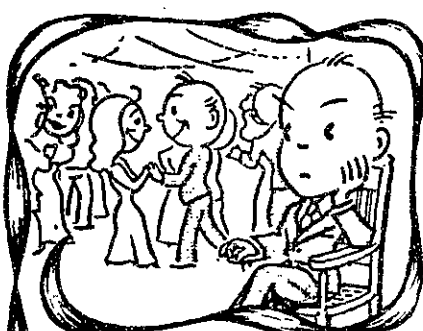
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