

## NATION'S COLLEGES TRAIL TECHNOLOGY

Institute Leads Entire Country  
In Victory Loan Subscriptions  
With More Than Two Million  
Dollars Worth Bought.

### GRADUATES SWELL TOTAL

Technology has reported more subscriptions to the Victory Loan than any other college in the country and the bonds bought here total more than those in all the R. O. T. C. districts in the country put together. The figures last announced were \$2,200,000 dollars.

This is a record of which Institute men have reason to be proud and yet Colonel Cole, who as head of the Military Science department, is in charge of the campaign here, is out with a challenge to Technology men to buy and buy some more and not forget to report each purchase to the military science department.

It is Col. Cole's wish that Technology breast the tape which marks the finish of the Victory Loan campaign, ahead of all the colleges throughout the United States. To do this, he says, we must not stop buying now. When the other colleges learn of our achievement they will get busy and hustle and we must stave off their attempt to beat us by another spurt of our own. We cannot afford to slacken our pace.

Col. Cole assigns as the reason for Technology's foremost position in the Loan subscription race, the fact that graduates all over the country, "men of vast business interest and affairs," he says, "have had time to buy bonds and to answer my requests for reports." This magnificent result will bring Technology great prominence and will stimulate the others to get busy with buying and reporting. When a man who can report more than a million has time to help boom Technology, can you find any excuse for not reporting even what you have done?

Col. Cole desires to remind the fraternities that he asked them to report subscriptions. He also asks that everyone at Technology who buys a bond should step into the office of the department of Military Science and report his purchase. "Unless the purchase is thus reported Technology will lose credit for that bond. Surely no one wants to miss a chance to help his college."

Subscriptions are solicited at the bursar's office, where the purchaser may pay in full or on the government plan. But whether the purchase is made at the bursar's office or at any outside booth or bank, the same should be registered with the military department.

Col. Cole ends the bulletin in which he announces Technology's pre-eminent position and exhorts the students to buy more bonds, with the sentence underlined, "This is no time to hide your light under a bushel."

### FRESHMAN TRACK TEAM TRAVELS TO ANDOVER

The freshman track team leaves No. Station at 1.20 p. m. today for Andover to compete in what promises to be the stiffest meet of the season. Coach Kanaly's yearlings are in fine form and despite the fact that they are to compete minus several of their stars they stand an excellent chance of carrying off the honors. Poole, who captured second place in the Harvard Varsity meet is out of the running with a pulled tendon. The freshmen also lose the services of Walton, the pole vaulter, and Licety, in the weights, both of whom are making the Dartmouth trip with the Varsity. Andover has an exceptionally fast team this year, out with King and Hayes as a nucleus, the freshmen intend to bring home the bacon. The freshman entries are as follows: 100-yard dash, King, Laird; 230-yard dash, King, Laird; 440-yd. dash, MacDonald, Kirley, Grover; 880-yd. dash, Knight, Gurney, Godfrey; Mile run, Gill, Butler, Starbuck; 120 high hurdles, Falk; 220 low hurdles, Falk; High jump, Hayes; Broad jump, Laird, Hayes, Conrod; Pole vault, Crowell, Conrod; Shot put, Tonon; Hammer throw, Tonon.

### SUBSTITUTE LECTURES FOR FRESHMAN DRILL PERIODS

Rest of Term Given Over to Talks by  
Captain Brainerd.

The Military Science Department has announced its intention of doing away with all freshman drill for the remainder of the term, and from Monday on those periods for which drill was scheduled will be utilized for military lectures given by Captain Brainerd in Room 10-250. The reasons for this are that there is not enough equipment to go round, and the squad movements, through which the men have been going proved so monotonous that everyone lost interest in the whole affair. The battalions passed a most satisfactory inspection by Lieut. Colonel Shindler of the Inspector General's Department, Monday and Tuesday last.

### CAST IS PICKED

Tech Show Players Are Chosen  
By Coach Haviland

The cast for "A Doubtful Medium," Tech Show 1919, has finally been selected by Mr. Haviland. Walter S. Frazier '19, the leading man, needs no introduction. Walter E. Booth '21, who had the part of "Percy," and Fred S. Britton '19, who was the "Quaker Miss, in "Let 'Er Go" last year, are now playing opposite each other and form an excellent pair. The hypnotist in "A Doubtful Medium" is played by J. A. Buerkin '19, who has been connected with Tech Show in former years.

The cast of characters is as follows:  
Dick Warren, a junior at Tech, W. S. Frazier '19.  
Marian Wright, the girl, P. D. Appel '22.

Hugh Martin, an amateur hypnotist, J. A. Buerkin '19.

Bob Kent, Dick's pal, W. E. Booth '21, Gussie Hunter, who gushes, W. J. Hamburger '21.

Betty Warren, Dick's sister, F. S. Britton '19.

Prudence Standish, Dick's aunt, matron of a girls' summer camp, E. E. Scofield '19.

Hiram Standish, Dick's uncle, G. F. Allen '22.

Mr. Geo. Wright, Marian's father, H. J. Horn '22.

Mrs. Wright, Marian's mother, H. L. A. Zager '21.

The other parts of Tech Show are all working hard. The chorus and orchestra are having frequent rehearsals and their proficiency is increasing daily. The material for a ballet is unusually good this year and, without doubt, the ballet will be a big success.

## TRACK TEAM COMPETES AT DARTMOUTH TODAY

Varsity Runners Left Yesterday  
for Hanover to Participate in  
Big Meet of the Year—Four In-  
capacitated

### BAWDEN, INJURED, CANNOT RUN

With four of Technology's best athletes out of the running the chances of the Varsity track team against Dartmouth in their big meet of the year have grown slim. The men left yesterday afternoon for Hanover, where the meet will be held this afternoon.

Bawden '21, on whom Coach Kanaly based his chances of Technology winning the 440 and 880-yard runs, has sprained his ankle and will undoubtedly be out of these events until the Holy Cross meet a week from today. Downey '21, Ormon '20, Spitz '21 and Bards '21 are now the men who will be expected to clinch places in these two runs this afternoon.

Nagel '21 the pole vaulter, whose comeback after a poor showing last Saturday was scheduled for today is unable to participate owing to an unexpected injury to his father, while Dandrow will not be able to compete in the hammer throw for the team owing to a business duty which he must fulfill here in Boston.

J. W. Poole '22 has pulled a tendon in his leg and on that account will probably be laid up for a week at least.

The 100-yard dash is left for Wink Rollins '20 to win. He made a slow race last Saturday in the Harvard meet against Moore who won in 10 2-5 seconds. Wink is capable of 10 1-5 seconds on his good days.

Spitz will be Technology's best man in the 220 yard run and with Rollins is expected to gain points in this event for us. Purcell '22 and Stone '21 are once more the entries in the mile event from whom wins are expected. Last Saturday because both of these men were hemmed in by Harvard runners, Stone was the only one able to finish as a point-winner. Today however, the story will probably be different and either of the men is expected to finish in first place.

Dorr '20 and Houghton are entered in the 2-mile run. The 120-yard high hur-

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### SUMMER BULLETIN ISSUED

The bulletin of summer courses to be given at the Institute this year was issued Wednesday. The number of courses offered is greater than in previous years—practically all required subjects in every department being on the list.

### WIRELESS SOCIETY TO HEAR LECTURE NEXT WEDNESDAY

The Technology Wireless Society will hold a meeting at 7.30 next Wednesday evening in north dining room, Walker Memorial, at which an interesting lecture will be delivered. After the lecture light refreshments will be served. Several important matters of business are to be considered by the society, among them the question of holding a banquet to mark the close of the scholastic year.

Work on the society's wireless station is rapidly progressing. The aerial has been erected, stretching from the top of the power house stack to the service building, and from thence to the garage, and the apparatus and operating desk will be installed as soon as the new concrete floor has become sufficiently hard.

### PROM PREPARATIONS COMPLETED

Tech Show Specialties To Be Put On—  
370 Sign-Ups Sold.

Preparations for the Junior Prom are practically completed. Preliminary dance orders, invitations and tickets will be ready about May 15th. At this time the remaining payment of \$5 will be collected. An attractive dance order with the latest music has been arranged. Different pieces will be played for the encores. Two Tech Show specialties will be put on. The total number of signups sold has mounted to 370.

## WIND TUNNEL OPENED

Apparatus Will Be Demonstrated  
Under Auspices of Aero Club

All wide-awake Institute men will not fail to make use of the unusual opportunity offered them to see the Technology aeronautical wind tunnel in operation. The management of the Aeronautical Society believe they are offering something of real value in procuring admission to this aerodynamic laboratory, and expect a maximum number of men to show interest in the trips which will be made on Tuesday, Wednesday, and Thursday of next week. Since no more than twenty men can be accommodated at one time, those desiring to participate are requested to sign up in the lobby, on the placard placed on the main bulletin board.

During the past two years only government work has been carried on in this tunnel, and a privileged few were the only ones who might enter the building containing it. This apparatus, which with its housing, was the first building erected on the site of the present Institute, was copied from the original, designed by the National Physical Laboratory at Teddington, England, and is recognized as superior to the latter, due to several refinements suggested by the English designers, and American engineers. Practically all of the aerodynamic research carried on by the government during the war was effected in the tunnel, and our success in aviation up to the cessation of hostilities may be largely traced to this source. The demonstrations next week will be carried out by three men, who will first carefully explain the principles of operation, and then will run an actual test with a model attached to the aerodynamic balance.

All students are invited to attend whether they are members of the Aero Club or not.

### CHEMICAL SOCIETY HEARS ALBERT R. CHURCH '92

Chemistry of Soaps and Glycerine Explained In Interesting Way.

Albert R. Church '92, chief chemist in charge of the laboratories of Lever Bros. Soap Co., Cambridge, addressed the Chemical Society last night in Walker Memorial. His subject was the "Chemistry of Soaps and Glycerine." He explained fully and in a very interesting manner the chemical processes of soap manufacture and the importance of the by-product, glycerine.

Mr. Church was graduated from the Institute in Course V. He previously held a position as consulting chemist in Hampton N. H. His talk was of especial interest due to the fact that the Chemical Society visited the Lever Bros. plant a short time ago.

## CLOSE SEASON WITH BANQUET AT LENOX

Members of Latin American Club  
Partake of Sumptuous Repast—  
Second Annual Affair—Mayor  
Peters Present.

### ZUBIRIA'S TALK A FEATURE

The second annual banquet of the Latin American club, closing the present season for the organization, was held Tuesday evening at the Hotel Lenox. About forty-five persons attended, including Mayor Andrew J. Peters of Boston, President Richard C. Maclaurin, Professor Leonard M. Passano, and representatives from all Technology activities.

Alfred de Zubiria '20, president of the Latin American Club, made a splendid address in which he expounded the principles on which his club was founded. Several very interesting points were brought out, among which were the Latin-American opposition to the Monroe Doctrine, and our views of South American independence as taught by our schools. Specific instances were brought out in which "One of the eminent professors of history from our sister college in Cambridge, speaking of Latin-America, expressed himself in such a way that at the end of the lecture every one of his hearers reached the conclusion that Latin-Americans were people only fit to be conquered." In regard to "America Among The Nations," a textbook now being used by the freshmen history classes at the Institute, he said:

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## ADDRESSES C. E. 'S

Prof. A. H. Blanchard Heard On  
Highway Transport

Professor Blanchard addressed the Civil Engineering Society Wednesday in the north dining-room of Walker Memorial on highway transport. Professor Blanchard is from Columbia University, and has been at the Institute for the past six weeks giving a course in highway transport, which ended Wednesday.

Professor Blanchard is a man of wide experience in this line of work, being president of the American Road Builders' Association, president of the National Highway Traffic Association, and a member of the Highway Transport Board, Council of National Defense.

Slides of numerous kinds of transports and their various uses were shown in connection with the address. Professor Blanchard told briefly of some of the great economic advantages in rural motor expresses and their large growth during the last few years. He pointed out the necessity of careful surveys before such means of transportation should be put into operation.

Several of the things which were emphasized in this connection were the surface, base, and shoulders of the road to be travelled, and particularly its grade. Professor Blanchard gave some interesting figures in connection with

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### CALENDAR

2.45—1st freshman four-oared crew vs. Brooklin High School, Charles River.

3.00—1st freshman eight-oared crew vs. Harvard 2nd freshman, Charles River.

Monday, May 12

5.00—Meeting of the News Department of THE TECH, News Room, Walker Memorial.

Tuesday, May 13

2.60—Aero Engineering Society Trip to Wind Tunnel.

Wednesday, May 14

2.00—Aero Engineering Society Trip to Wind Tunnel.

7.30—Wireless Society Meeting, North Dining Room, Walker Memorial.

## Talent of Institute Forms Cast of "A Doubtful Medium"



Standing, left to right: Allen, Zager, Buerkin, Horn.  
Seated: Scofield, Britton, Booth, Appel, Grazier, Hamburger.