

250 SENIORS ATTEND BIG CLASS DINNER

FRESHMEN HOLD CLASS SMOKER

Dean Burton and Frank Kanaly Speak to 1920 Men in Caf Last Wednesday Evening — Boxing and Wrestling Furnish Entertainment

SEVENTY-FIVE ATTEND

Over seventy-five were present at the freshman smoker held in the Caf last Wednesday night. Dean Burton, on being called upon, told why every Tech man stands on hearing the Stein Song, that it is as a tribute to the memory of Bullard '87, who although very ill came to the first alumni reunion, to lead for the first time the Stein Song, the music of which he had written, and died within two weeks, after a relapse brought on as a result of the excitement. The Dean held Bullard up as an example of Tech spirit and urged that every member of the freshman class should learn the words of the Tech songs.

The next event was a three round boxing contest between Taber and Massey, both members of the class. The first two rounds were won by Taber, who knocked his opponent down each time, thereby ending the round in less than half the allotted time of two minutes. The third round lasted the full period and ended as a draw with both men on their feet. Following the bout, calls for the seconds to go on were heard, but the men in question did not approve of the idea and Mr. Kanaly, the referee, introduced Mr. Gracey, who was the official of a wrestling match between Kruse and Dana. The match was a good one and was won by Dana, who pinned down his opponent. Time 4 min. 37 sec.

Mr. Kanaly, commenting on the showing of the wrestlers and boxers, spoke of the benefits of athletics and urged that more of the 1920 men come out for the Varsity teams.

At the close of the smoker, President Nathan asked every man present to bring another with him to the next class affair. Doughnuts and cider were then served and the evening's entertainment brought to an end with the singing of the Stein Song.

MUSICAL CLUBS WILL TAKE FORTY ON MID-YEAR TRIP

At a meeting of the executive committee of the Combined Musical Clubs on Wednesday afternoon, the following men were picked to go on the mid-year trip: Banjo Club—Allen, Davis, Harrington, Garnsey, Schultz, Stribling, Works and Wyer; Glee Club—Akers, Collins, Doherty, Dorr, Woodward, Williamson, Craighead, Haviland, Holden, Parsons, Clark, Owen, Raymond, Campbell, Carr, Drew, Martin, Philbrick, Prescott, Turner and Mann; Mandolin Club—Akers, Davis, Dorr, Harrington, Schultz, Blood, Clark, Smith, Wier, Merriweather, Turner, Cristal, Stribling, Eksbergian, Hedlund, Catlin, Dalton and Works.

Two concerts will be given before the trip: at Charlestown, on Thursday, Jan. 4, and at the Framingham High School in South Framingham, Jan. 12. Only the men who will make the mid-year trip will play at these concerts.

NEW ENGLAND ILLUMINATING SOCIETY MEETING TONIGHT

The New England Section of the Illuminating Engineering Society, of which Professor R. G. Hudson, of the Electrical Engineering Department, is the secretary, will hold a joint meeting tonight with the New England Section of the National Gas Association tonight at 8 o'clock, in the Boston City Club, corner of Ashburton Place and Somerset Street, Boston. The society has invited all Technology men.

1919 TECHNIQUE ELECTIONS

Technique Electoral Committee to Meet After Holidays

The results of the elections for the 1919 Technique Electoral Committee are as follows, the men's names appearing in the order of the number of votes received:—

Griffin, Coldwell and Boley, tied; Parsons; Pinkney; Garnsey and Page, tied; Shippey; Gibson and McCarten, tied; McClintic and Davis, tied; Mayor; Deacon; Balfour; Wright and Way, tied; Dalton; Reis; Kitchin; McMoran and Peltier, tied; Cammon; Bent; Brown.

An unusually large vote was polled showing that considerable interest was taken by the Sophomore class in the elections for their Technique Board. The Committee will meet soon after the holidays to take up their work of selecting the 1919 Technique Board. The entire Technique Board will not be elected before Spring.

The men who constitute the Board of Technique are selected from the class at large after careful investigation of their abilities. The Technique Board is composed of seventeen men each in charge of some department of the book, and each selected for his ability to handle his section.

E. E. SOCIETY TRIP

Mid-year Tour to Schenectady, Niagara and New York Planned

The unique policy of the Electrical Engineering Society in providing a trip for its members during the mid-year vacation will be followed out this year also. The enthusiasm and response of the members have encouraged the management to plan a trip that will afford exceptional opportunity for seeing a variety of engineering enterprises of large scale. It is probable that the party will be accompanied by one instructor for every eight men. In this way the Society will be divided into small groups when going through a plant and so there will be ample opportunity for asking questions as well as studying details.

The trip will begin with a two day visit to the two large plants of the General Electric Company and the American Locomotive Works at Schenectady. Here machinery from the most delicate galvanometers to the giant Mallet locomotives can be seen in the process of making. From here the party will go to Niagara Falls and New York City, also stopping at the Lackawanna Steel Mills for a day. It is probable that the Society will be a day in Newark studying the new automatic telephone switchboard which is being tested there.

Immediately after the vacation there will be a slip posted for signature by those who care to take the trip.

HIKERS WILL HIT THE TRAIL DURING CHRISTMAS VACATION

Plans for the hike to be held by the Pack and Paddle on the Wednesday of the Christmas vacation have now been completed; eight men have signed up so far. The plans are such that other men wishing to take the trip can be accommodated. Names of these men are wanted at the Technology Monthly office in the basement of Building 1, where additional information may be obtained.

The general plans for the hike are as follows. The hikers will meet at 1.15 o'clock at Kendall Square and from there will hike over back roads to the camp of A. E. Tuttle '17, which is on the Concord River near Chelmsford Road. Upon arrival at the camp, dinner will be served and during the evening each man will be called on for some stunt.

The hike is intended to furnish a diversion for the men remaining in Boston during the vacation. Cars for the return trip to Boston will run every half hour up to 11.30 o'clock.

President Maclaurin Receives \$375 From Class—"Mr. Smith" Will Make It an Even Thousand

MCKAY MILLIONS

Trustees Opposed to Transfer of Money to Institute

Frank T. Stanley and George E. Gilbert, the surviving trustees of the Gordon McKay estate, announced that Harvard will receive \$22,000,000 for the carrying on of applied science, when the last annuity under the will of Mr. McKay is dead. This came as an answer to the request of the president and fellows of Harvard for permission to transfer the millions to the Institute, but as to whether Harvard is within its rights in making this transfer will be determined by the Supreme Court.

In 1904 the trusts created by Mr. McKay were accepted by Harvard, but since then it has been agreed that Technology is better equipped to carry on the work intended by Mr. McKay, especially as better results may be obtained not only through the improved facilities and means of instruction, but by the bringing together of large bodies of students interested in the same courses and lines of study. This, it is claimed, is a great factor in the successful application of all methods of instruction.

The trustees, who oppose a change of the fund, declare that the motive of its founder was to construct an efficient and strong department of engineering education and research as an integral part of Harvard University, under the charge of a Harvard Faculty, and the exclusive jurisdiction of the said University.

Up to the present time, the trustees have paid over \$2,000,000, and according to them the University when it receives the balance of the money will be in a position to erect buildings and establish the plant Mr. McKay had under consideration at the time he made his will.

FIRST PRACTICAL INSTRUCTION

Engineer Corps Erect Lock Spar Bridge and Build Fortification Model Boxes

The members of the Engineering Corps had their first practical instruction yesterday afternoon in the basement of Building 1. The Bridge Building Section erected a double lock spar bridge while the Fortification and Reconnaissance sections built some sand boxes. These boxes will be used in the work later on. The Fortification section will be given plans and photographs of fortifications in use in the present European war and then they will make a model of them by use of these sand boxes. The Reconnaissance section will be given maps of strategic points in the United States and will reproduce them in the sand, then the maps will be taken away and the men will make sketches of this model.

All men are requested to order their uniforms before the first of January as the prices will go up on that date. Although it is not absolutely necessary that every member have a uniform, all who can do so are requested to order one as soon as possible. The present price is as follows: hat \$1.35, shirt \$2.50, breeches \$2.25, leggings 90c, belt 50c, hat cord 25c, making a total of \$7.75. Blouses and shoes, which are optional, can be bought for \$2.75 and \$5 respectively.

SILENT TRIBUTE GIVEN MR. BLACHSTEIN

(Speeches Copyrighted by the Class of 1917)

Two fifty flat was the final verdict at the Senior Dinner—there are 326 regular Seniors according to the Registrar. As one prominent Faculty guest remarked, "I never saw such a large crowd of Seniors together before, not even at Commencement."

The accommodations afforded by the Lenox seemed to please all, in spite of a small but noisy dinner of "Firestone" tire men in the balcony. The customary balloons, paper toys and variegated hats were much in evidence.

Through the courtesy of the Class, which had every word spoken at the banquet taken on the "stenotype," the complete speeches have been preserved. The Class intends to copyright these and reread them at the 25th Reunion.

BURSAR FORD A '17 PRODUCT

President DeBell presented as the first speaker of the evening Bursar Horace S. Ford, who, as he later reminded those present, is really a "Seventeen product, coming to the Institute about six weeks after the opening of your freshman year." Mr. Ford spoke in favor of undergraduate activities and athletics, particularly intramural athletics between classes, dormitory sections, etc. He described in detail the difficulties of moving Technology during the summer months and the confusion at the opening of the fall term. The "Morgue" appeared to be the chief "thorn in his side." Mr. Ford did not believe that when Mr. Munroe transported the Technology seal across the Charles he had done the greater part of the moving. He claimed that Mr. Munroe in reality did not touch the Technology seal when "he found out that it was about the size of a Shetland pony" and stated that getting the 1600 odd loads of machinery, furniture, etc., were the chief troubles in leaving the "old Stute on Boylston Street."

Following Mr. Ford's talk recalling the "older days" the song "Take Me Back to Tech" was sung with enthusiasm.

MUNRO '82 ON RAIN

Mr. James P. Munroe '82, secretary of the Corporation, spoke as follows: "Mr. President, the other President, and fellow 'Tech' men: Of course, as the Bursar has already said, and as every subsequent speaker from beginning to end will say, 'You are the finest class ever.' (Laughter and applause.) And of course, you ought to be. You are a year older than any previous class that ever was graduated. (Laughter.)

"As the first speaker has said, you are the first class to put your stamp on the new Technology over there, and you have no doubt established, or will establish during this year, traditions that in ten years will be regarded as being centuries old. Such is the experience of all college men.

"But there is a real distinction that you fellows will have, and that is that when you all get your degrees, as I know you all will (I fixed it up with the President so that you shall) (Laughter) next June, you will go out into a world that will be an absolutely different place from what any previous generation has known. None of us know what the effect of this terrible struggle on the other side of the ocean is to be, but we do know that it is going to absolutely transform the face of the world. And since one man's guess is as good as another's, I believe that one of the great results of that

war is that the world, after this, will be done with things of superficiality. "Now for a good many generations agriculture has been depending almost wholly upon (what do they call it?) enough rain and a lot of sun. We are just beginning to find out that that is only a very small part of the business, and if we are really going to carry on agriculture in a scientific way you have got to have plenty of 'manure,' whether it be the real thing or some of these fakes that the industrial chemical department gets up. (Laughter.)

The Scientist Will Be King

"And similarly it seems to me that civilization thus far has been sort of sailing along in a happy-go-lucky kind of fashion, depending upon chance to push things forward, and consequently having a lot of tumbledowns and that kind of thing; but the realities of this horrible struggle have shown them that after this we have got to get down to the real foundations of things and build up from that. And the thing that is interesting to us, as 'Tech' men, is not only the fact that the war has shown that warfare today is purely a matter of applied science, and of applying it first, but it has also shown that the whole practice of material civilization today is simply the application of pure and applied science (though I don't like the distinction.) Consequently in this reorganization of civilization it is the man of science who is going to be the heart and soul and king of the whole thing.

"Now what are the fundamental things of the scientific method? First, that we shall go upon known facts instead of upon amiable guesses. Second, that we shall avoid in every possible way every kind of waste, and every sort of lost motion; what we are pleased to call today 'efficiency.' And the third thing is the fundamental thing, absolute cooperation. You can't put forward any kind of scientific investigation, you can't carry forward any result of the application of science to art and industry, without every fellow that is concerned in it, from the lowest man up to the top man, every one of them, cooperating and pulling together and playing the best kind of team work.

"Now up to this time most educated men have been trying to avoid facts, and trying to live in a sort of a dreamland of things that they wish were so.

"Then the scientific man, the real scientific man, you know, never makes the same mistake twice. He may make an awful mistake once, but he never makes it a second time.

"Now cooperation, team work, pulling together, is absolutely and entirely a human problem, and if we are going to bring ourselves out of the innumerable troubles that are going to roost with us after this war is over, we can only do it by the fullest and completest kind of cooperation in every possible direction, and continuously. I say to you young fellows who are so soon to go out into the world to work, that the thing you want to study and buckle down to, and appreciate as being the right-hand weapon with which you will have to work, is a knowledge of how to get along with men; how to cooperate in a small job or a big job, to cooperate in business, to cooperate in manufacturing, to cooperate in politics, and all that sort of thing; to make it your study; to be a mixer; to be a fellow who knows how to get on with other men; how to deal with

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