

# THE TECH

VOL. XXXIV. NO. 98.

BOSTON, MASS., FRIDAY, MARCH 12, 1915.

PRICE THREE CENTS

## NIEMAND ZU HAUSE

### MARCH

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
				19		

### TICKETS ISSUED

#### Niemand Zu Hause Pasteboards On Sale.

Now is your opportunity to help in the support of athletics. The tickets for Niemand zu Hause have been put in the hands of students who will in the near future solicit your patronage. Every section in every course in every year is to be covered and you have every chance to buy a ticket so that the largest crowd that has ever turned out for an undergraduate performance will be on hand in Huntington Hall and the Union on March 19.

And the cost is so little and the entertainment so great. For fifty cents you can see the six vaudeville acts that are to be given. For seventy-five you can take in both the show and the dance that is to follow it. For one dollar you can blow your lady-friend to an evening of unparalleled vaudeville delight and for only one dollar and a half you can give her a treat in the way of amusement and dancing which will cause her to fall for you as she has never done before. Why, think of it, man! For less than five dollars you could entertain all the girls you ever had!

(Continued on Page Three)

### RIFLE CLUB TRIPS

#### Season Opens Tomorrow—First Shoot At Walnut Hill.

The outdoor shooting season will be started tomorrow when a squad will go to the Walnut Hill Range. It is the plan of the Executive Committee to send out two parties each week, one on either Wednesday or Thursday afternoons and the other on Saturday, in order to accommodate the large number of men wishing to shoot.

### NOTICE

Those men selling tickets for Niemand zu Hause will meet at the Institute Committee desk in the Show Office this afternoon at five o'clock and be ready to report on the progress of sales to date.

## ELECTRICALS HEAR HOUR'S GOOD TALK

### Mr. Gerard Swope Presents Some Convincing Facts At Meeting.

Last Wednesday evening a majority of members of the E. E. Society listened to one of the best short lectures that the Society has yet arranged. The speaker was Mr. Gerard Swope, '95, whose subject concerning the "Scientific Distribution of Merchandise" commanded attention from the beginning of the talk. Mr. Swope, himself general sales manager and vice-president of the Western Electric Co., explained in detail that selling goods on a large scale is purely an engineering problem.

In effect his ideas were the following: A business project dealing with a small area of operation is successful to a degree depending upon the ability of the operator. If this project is to be extended to embrace a larger field of activity the ability of the operator becomes subordinate to the method of operation. As an example, where the small dealer was successful in a small field but failed in a larger one, the case of the H. B. Claffin Co. of New York was cited. It is a well known fact that this con-

(Continued on Page Two)

### BOAT CLUB MEETING

#### Mumford '15 Outlines Plans—Indoor Practice Starts.

A meeting of those out for class crews was held Wednesday afternoon at the Union. N. V. S. Mumford, '15, spoke to the men, going over the plans for the coming season. There are three rowing machines in working order at the Irvington Armory, with which practice will be held for the next two weeks. Coach Stevens, a Harvard crew man, will oversee the work. At the end of two weeks, regular practice with the shells will begin on the river. Those in charge desire that all who intend to come come out as early as possible in order to obtain the full benefit of the indoor practice before the real work begins on the river.

### SHOW ELECTRICIANS

As a result of the recent competition for Assistant Electricians for Tech Show, 1915, the following men have been chosen: R. R. Desmond, H. P. Geisler, R. H. Ross and H. C. Weber. The choice was made entirely on the basis of the marks received on the examination which was given the candidates last Tuesday. The men picked are to report to Show Electrician Graves at 1.10 Tuesday in the Show Office.

## TICKETS FOR SPRING CONCERT OUT MONDAY

### New System Of Charging Begun—Many Unique Features In Program.

The management of the combined musical clubs has announced that tickets for the Spring Concert, in Copley Hall, April 16th, will be on sale Monday. The concert will include a variety of original features, such as the Hawaiian Quintet, Instrumental Trio, Indian War Dance, etc.

The concert will be followed by dancing, which will last from ten till two, and the preliminary order of dances will be announced in a short time. The present tickets represent a change in the system of charging, which, it is hoped, will give increased satisfaction. The charge per couple will be \$3.50, and for single ticket, \$2.00. Tickets may be obtained, beginning Monday, from members of the clubs, the Cage, or the Musical Clubs Office.

### MUSICAL CLUBS TRIPS

#### Program For Next Week Calls For Three Concerts.

Arrangements have been made for three concerts to be given by the combined musical clubs next week, on the following dates:

March 15—Lynn High School.  
March 16—Mount Holyoke College.  
March 20—Wheaton College.

All men are expected to attend the Lynn Concert. A special trolley car will leave the entrance to North Station at 6.30, returning after the concert. All men are to report in full dress.

The train for South Hadley leaves Trinity Place Station on the B. & A. at 2.35 p. m. Tuesday. The men will dress on the train. At the college, the men will be guests of the girls of the Sophomore class at a dinner party at the Croysdale Inn, South Hadley. Those who will make the trip are: Abrams, Achard, Barry, Brandegee, Brooks, Brown, Carr, Coldwell, Dinkins, Dickson, Dodson, Duryea, Ekdahl, Ford (W. B.), Ford (F. L.), Gardner, Howlett, Kennard, King, Kingsbury, McEwan, McDaniel, Martin, Mendelsohn, Moorhouse, Ogdan, Patten, Pinkham, Rowlett, Shabacker, Sherman, Thyberg, Wells, Williamson, Woodward (E. M.), Woodward (P. G.).

(Continued on Page Six)

### FIELD OPENS MONDAY

Tech Field at Cambridge will open for track work on Monday, and all track candidates will report there. Lockers may be obtained at the Field at a rental of one dollar per year. All men substituting track for gym will, in the future, run at the Field.

## MUSIC AND LYRICS FOR SHOW SELECTED

### Many Tuneful Numbers Chosen—Jones Elected Assistant Manager.

The final try-outs for the music and lyrics to appear in the "Tech Show" are over and the winners of the competition finally chosen. The work submitted in every case showed a marked improvement over the attempts of former years. In many cases it was extremely difficult to choose the best out of a number of selections. A large number of men wrote music, all of which was notably creditable. The men who were not successful this year will have a new fund of experience and knowledge to draw upon in the future.

The aim of the Show has been to procure the best possible lyrics for the book and the most pleasing music for each lyric. Irving B. McDaniel

(Continued on Page Six)

### M. E. SOCIETY TRIP

#### Sign-Ups Ready For Sturtevant Plant Trip.

All members of the Mechanical Engineering Society desiring to go to Hyde Park next Tuesday or Wednesday to visit the plant of the B. F. Sturtevant Company, should sign up at once, as only twenty-five can be accommodated on each day. Tuesday sign-ups should be with Hanchett, Wednesday with Purinton. The Sturtevant Company are manufacturers of engines, turbines, blowers, electrical machinery, heating and drying apparatus, and economizers.

### ARCHITECTS' SMOKER

Since many of the members are too busy to be able to attend, the smoker which was to be held tonight has been indefinitely postponed.

### CALENDAR

Friday, March 12, 1915.

1.00—Junior Prom Sign-ups. Union.  
1.15—M. I. T. Forum.—8 Eng. C.  
1.30—Freshman Baseball Meeting. Union.  
1.30—News Meeting. Lower Office.  
4.00—Hare and Hounds Meeting. 8 Eng. C.  
5.00—Gym Team Practice. Gym.  
5.00—Ticket Sellers for Niemand zu Hause Meet in Show Office.  
8.00—Harvard Eng. Society Meeting. Crust Memorial Laboratory, Harvard.

Saturday, March 13, 1915.

1.00—Junior Prom Sign-ups. Union.  
1.45—Sophomore Baseball Practice. Gym.  
2.00—Hare and Hounds Club Leaves Trinity Place.

# THE TECH

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Advertising Manager ..... 5.00 to 6.30 P. M.  
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FRIDAY, MARCH 12, 1915.

## IN CHARGE OF THIS ISSUE.

Editor: W. F. Johnson, '17.  
Associate: H. N. Keene, '17.  
Assistants: F. A. Stearns, '17; M. A. L. Eales, '18; J. C. Purves, '18; B. A. Thresher, '18.

Today's communication, while not by any means a complete thesis on the single tax, is an expression of what we believe to be the view of the majority of loyal sons of M. I. T. We should be glad to receive other expressions of opinion on this important topic, which may aid in crystallizing public sentiment.

## ELECTRICALS' TALK

(Continued from Page One)

been conducted one of the most successful department stores in New York, but that upon extension to other cities the firm failed. The method of operation was evidently at fault.

Mr. Swope concluded, therefore, that in attacking the problem of satisfactory distribution, scientific methods must be resorted to. The answers to the following questions determine the success of any business of large import:

1. What is the gross demand for the product? (This means world demand.)

(Continued on Page Three)

## COMMUNICATION

Fellow Undergraduates:

If any of you agree with Baxter that outside activities should be abolished, all we can say is, your judgment is warped. As to a voluntary tax, it wouldn't work; not because the student body doesn't want athletics, but because they don't want to part with the money. There has arisen a slight prejudice against this tax but this is due to the ignorance of what such a tax really is. There are various kinds of taxes but the principles of the one best suited to present conditions are as follows:

Each student when he pays his tuition pays, at the same time, an assessment of two or three dollars or, at the rate of one dollar or a dollar and a half each term. The total sum of this tax will enable all athletic expenditures of the year to be provided for. In return for this fee the student receives a series of tickets which will admit him free of charge to all the recognized athletic events of the year, such as Field Day, Track Meets, Indoor and Outdoor, Varsity and Interclass Wrestling meets and so forth.

This plan has the two primary advantages of greatly reducing the cost to individuals of seeing all these meets, and of bringing out a larger percent to witness the games.

Many students will ask why such a tax is needed and two instances will explain. The Athletic Association is so poor that it could not give suits to two of the varsity relay teams. Although that is but a trifling matter, it shows the financial condition. But more serious is the fact that there has not been enough money to enable the manager to accompany the relay team on their trips such as Hartford and New York. Coach Kanaly has had to take charge of the managing as well as his own work.

The Athletic Association is down to rock bottom and can no longer exist in this hand-to-mouth fashion.

MALCOLM C. BROCK, '17.

## FRESHMEN BASEBALL

There will be a meeting of all freshmen who expect to come out for the class baseball team in the Union at 1.30 today. The work for the coming season will be explained and it is hoped that battery practice may be started Saturday.



## Students' Clothes

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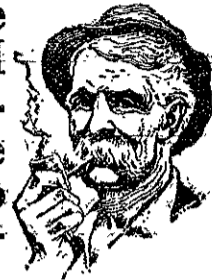
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PATRONIZE TECH ADVERTISERS

**MR. CHARLES D. HURREY SPEAKS AT UNION**

**Gives Interesting Talk On "The Tragedy Of Student Life."**

"The Tragedy of Student Life" was the subject of Mr. Charles D. Hurrey of New York at the Union yesterday noon. Mr. Hurrey gave an interesting and straightforward talk about the conditions that cause the student to break down, morally and physically, and told of the work which the Christian Associations are doing to put such men on their feet again.

College men usually break down, either because they do not take care of themselves in body and mind, or they lead a double life, a life that they would be ashamed to have their folks at home hear about. As a result, when they get out in the world and meet the strong competition, they are unable to stand the strain. When a man gets in this condition, he generally loses confidence in himself and goes from bad to worse. The Christian Association does not consider a man hopeless just because of his past, but has the idea of a clean sheet for every day.

It is a general belief that technical students would not make good evangelists. Mr. Hurrey does not agree with this idea. He believes that technical students make the best possible, because they are examples of what a good Christian should be.

**NIEMAND ZU HAUSE**  
(Continued from Page One)

It is rumored that several of the Institute's best known fussers are planning to do this very thing.

There is to be a fussers' section reserved. Moreover, it has been decided that the affair will be strictly informal so that there will be no extra laundry bill for you to pay. Also you won't have to get that dress suit out of lock. Let "uncle" have it a little longer.

There is also to be a reserved section for the faculty and alumni. It is expected that the faculty will turn out in large numbers for the support of Institute athletics. At any rate they are all expected and are sincerely urged to come. They can be assured of many a hearty laugh. They will also be able to understand why so many students will be hazy on the next day's recitations.

But it is up to you to fool them. Get those recitations prepared now in anticipation of the best Institute party of the year. And one more thing. Buy that ticket now! Already information from the string line has it that they are going like hot cakes and even the capacity of Huntington Hall is limited. Obey that inclination and part with those iron men!

**NEW HONOR CONFERRED**

At a recent meeting of the New England Railroad Club at the New American House, C. B. Breed, associate professor of Railroad Engineering at the Institute, was elected president. This club is composed of officials of all the lines operating in New England.

**FIRST RUN OF HARE AND HOUNDS SEASON**

**Coach Kanaly Will Run With Men Over Newton Course —Elections Today.**

The first Hare and Hounds Club run of the spring season will be held over the Newton course. This course is an ever popular one with Technology runners and should bring out a large number of men, especially from the Sophomore and freshman classes, as their meet is only a few weeks distant. The pace set will be that of the slowest man, so that no one should feel that the run will be too difficult for him. The course is made up chiefly of road work and easy field running, with a few rolling hills. The run will start and finish at the Newton Y. M. C. A. As an added inducement the swimming pool will be at the disposal of the men. This pool is one of the largest and finest in the state. Chase Captain H. P. Gray will be at the Trinity Place Station at two o'clock Saturday afternoon and those who wish to take the trip can purchase tickets from him at that time. This will be Coach Kanaly's only opportunity to run with the squad and, as he is desirous of meeting the new candidates himself, it is important that they be on hand.

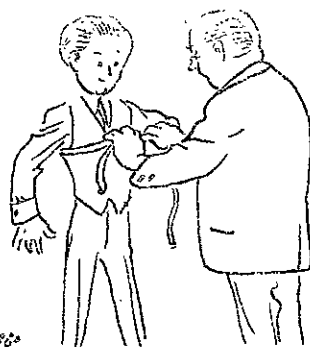
There will also be a meeting of all members of the club on Friday afternoon at four o'clock in 8 Eng. C. The election of officers for the ensuing season will be held. Besides this several other matters of importance will be considered.

**ELECTRICALS' TALK**  
(Continued from Page Two)

2. What percent of the gross demand can the company under consideration expect to supply?
3. What are the gross returns from the sale of all goods?
4. How much does distribution of product cost the company?
5. What is the Net return?

The methods, then, must be on the same large scale as the growth of the business demands. Certain rules and principles must be understood in order that the big concern may thrive.

At the conclusion of the hour the speaker was asked the question: Is there really a chance for a man to be something in a large company? To answer this Mr. Swope pictured his own case. After graduation he entered the employ of the General Electric Co. His original salary was \$7.00 per week. For some time he continued to strip old rotary converters until one day the foreman asked him to tabulate some part lists. This work, done after the style learned at the Institute, commanded the attention of those higher up and eventually one jump after another came. Mr. Swope therefore concluded that the chance came to any man and a big company offered as much of an opportunity as a smaller.



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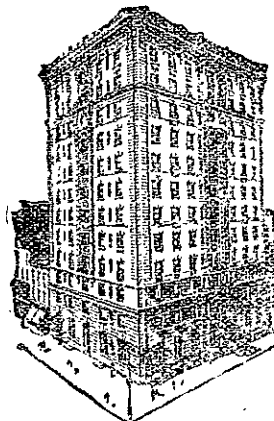
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HEADQUARTERS FOR TECH

**CORPORATION ELECTS  
FOUR NEW MEMBERS**

**Howard Elliott And Edwin Webster Are Elected Members For Life.**

At the last meeting of the Institute Corporation, Howard Elliott, Chairman of Directors and President of the N. Y., N. H. & H. R. R., and Edwin S. Webster, '88, of Stone & Webster, were elected life members and William H. King, '94, of New York; James W. Rollins, '78, and Jasper Whiting, '88, both of Boston, were elected term members for a period of three years. It has been the custom for Technology to have in its corporation a leading railroad man on account of its close interest in railroad engineering. Lucius Tuttle, who died a short time ago, for years was the representative of this department, and his place is now taken by Mr. Elliott. Mr. Webster was president of the M. I. T. Alumni Association in 1909 and was the next year elected term member of the corporation, his term expiring the present month. Mr. King is assistant corporation councillor of the city of New York, and was secretary, vice-president and president of the Technology Club of New York, and was very active in starting the Federation of Technology Clubs.

Mr. Rollins is vice-president of the Boston City Club and was elected at Pittsburgh to the presidency of the M. I. T. Alumni Association.

Mr. Whiting is a well known chemical engineer of Boston and in 1912 was a special commissioner for Technology in Japan and China in investigations of the educational needs of those countries. Last year he was president of the Alumni Association.

**COSMOPOLITAN CLUB**

**Dinner Last Night A Pronounced Success.**

At the dinner of the Cosmopolitan Club last night, the members were privileged in hearing two addresses of rare merit, by Mr. C. D. Hurrey and Mr. W. C. Allard. Mr. Hurrey's talk, which was on the subject of Cosmopolitanism, was pronounced as one of the best heard at the Institute for a long time, and Mr. Hurrey is a true cosmopolitan himself, having travelled very widely.

Mr. Allard is a member of the Michigan Chapter of the Corda Fratres, of which this Cosmopolitan Club is also a member, and he brought the good wishes of his chapter to the Institute.

Mr. Hurrey also addressed the Latin-American Club yesterday afternoon.

**RADIO TELEGRAPHY**

The meeting of the Harvard Engineering Society tonight will be devoted to three lectures on Research in Radio Telegraphy, and all Technology men are invited to attend. The meeting will be held in Crust Memorial Laboratory at eight p. m. The lecturers will be Professor G. W. Pierce, Dr. D. L. Chaffee and Mr. Fulton Cutting.



By a student vote taken last week at the University of Illinois it was overwhelmingly decided to award "Ts" to members of the gymnastic, wrestling and tennis teams. The rifle team was also granted a monogram letter.

The Senior class of the University of Pennsylvania recently accepted a proposition to perpetuate the traditions of the class in a novel manner by having moving pictures taken of them before they leave the college. Pictures will be taken on the campus, illustrating the various activities of the class, and it is intended to preserve the film and show it at future class reunions, thus bringing back reminiscences of campus scenes.

University of Illinois scientists are searching for the "invisible sleep microbe," to explain the drowsiness of students in class rooms. When it is found they plan to inoculate the students against this very prevalent "disease." The Columbia Spectator suggests that greater success might be obtained if search were made in the subject matter of the lectures.

An interesting application of mental suggestion is seen in the baseball cage at Harvard, where Coach Sexton has had the walls of the baseball cage toward which the pitchers throw, covered with placards, reading in large letters "Control the Ball." It is expected that this experiment will produce the desired results.

**CHINESE PLAY**

**"See Yue Chi" Presented Tonight At Copley Hal.**

Tonight at eight p. m., in Copley Hall, the Chinese students of Wellesley, Harvard and Technology will present a play in Chinese, entitled "See Yue Chi" (The Adventures of Don-Son). The play, which is, in large measure, a repetition of last year's production, is given under the joint auspices of the Copley Society of Arts and the Chinese Students' Alliance. Tickets may be obtained from Mr. Loo, or at the Cage.

**C. E. SOCIETY**

**Authority On Irrigation Speaks Next Tuesday.**

An unusual opportunity to hear an eminent authority on the science of Irrigation is presented to the members of the Civil Engineering Society, in the shape of an illustrated talk in the Union next Tuesday evening at eight o'clock. The speaker is Mr. F. H. Newell, director of the United States Reclamation Service, and his address will cover many features of the work which has transformed many regions of the arid west into veritable garden spots of the continent.

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PATRONIZE TECH ADVERTISERS

**INDIA TAKEN UP AT DISCUSSION GROUP**

**Dr. Strong And Mr. Basu Speak On Engineering Conditions And Difficulties.**

Yesterday at the meeting of the Students Discussion Group for the study of foreign engineering affairs, Dr. Strong, who has recently returned from an investigation trip to India, and K. C. Basu, a graduate of the Presidency College of Calcutta and a student at the Institute, spoke on conditions in India. Dr. Strong considered the industries in India undeveloped and the opportunities for such very meagre. About 66 percent of the population is engaged in agriculture for a living, but there is only one agricultural school in the country. This has an attendance of only eleven students which, considering that India has a population of 315,000,000, is very poor. Irrigation is rapidly being taken up and also rotation of crops and dry farming are practiced to a small extent. The next most important industry is cotton weaving. Cotton is one of the staple products of India and, since it is the standard article of clothing for both men and women, its production is very necessary to the country. India exports raw cotton to England and imports cotton cloth. There are a few modern factories in India, however, with modern American and English machinery, but the people are very poor workers and do not use the same regularity and attention that American operators do. It was in this connection that Mr. D. C. Churchill, '99, did this great work for the Indian people. Much of the cotton weaving is done in the homes by the women in their spare moments and it was formerly a very slow process. Mr. Churchill invented improvements to their hand loom which enables the output of cloth to be tripled. The British Government took up the perfected loom and now it is a staple article placed on sale throughout India. There are only 33,000 miles of railroads in the country and the fact that we have over ten times as much and our area is only a little more than that of India, shows that it is very much behind the times in that respect. Dr. Strong considered that the so-called "caste system" has much to do with the hindrance of industry. A man may be a trained mechanic or tradesman but because of the fact that he belongs to a certain caste prevents him from working outside it and so hinders him in getting along.

Mr. Basu next spoke on the Presidency College of Calcutta. He told how the whole work for the student, from the time he started in school until he graduated, was designated by the head of the school, who was also the viceroy of Bengal. He also told about the studies, degrees and occupations of the graduates of this University.

Next week Mr. Brewer Eddy will speak on Turkey. He has written a book about this country and has a set of lantern slides which will be shown. One of the Institute lecture rooms will probably be obtained for this meeting and it will be made

**METAL YACHT FREE FROM CORROSION**

**Polished Underwater Surface Is To Replace Paint.**

The use of a material in the building of pleasure yachts which does not corrode, which does not have to be painted, and which requires little or no attention, is something entirely new in the science of shipbuilding. A metal which is mined in the ore in the Lake Superior Region has been found which fulfils these conditions. It is known as Monel Metal and is an alloy of nickel and copper roughly in the proportions 3 to 1.

The Cup Defender "Vanitie" was built of this material, and her owner, Mr. Alexander Cochrane, found it worked so well that he is now having a yacht built of Monel metal at Lawley's yard in Neponset. The reason why this has not been employed sooner in yacht construction is evident when it is realized that it costs from 28 to 40 cents a pound as compared to 2 cents a pound for steel. Structurally it is the equivalent of steel, having a breaking strength of 60,000 pounds.

The underwater surface of the "Sea Call," which is the name of Mr. Cochrane's yacht, will be of Monel metal, and will be given a high polish. This avoids the use of paint and gives a low skin resistance. The portion of the hull above the waterline is to be of Chrome-Vanadium steel, having a breaking strength of about 120,000 pounds. The deck houses and deck fittings will be of Monel metal.

The "Sea Call" is a three-masted schooner 210 feet long, equipped with a 500-horsepower auxiliary and a feathering propeller. She will probably be launched some time in May. Professor Everett recently conducted the Junior Class in the Course of Naval Architecture on a trip for the inspection of the structural details of the yacht.

**INSTITUTE COMMITTEE**

**Revision To Class Constitutions Brought Up.**

The Institute Committee met yesterday at five o'clock in 8 Engineering C. The committee on the revision of the uniform class constitution reported. The committee wants suggestions through The Tech from students regarding changes which might be made concerning the methods and regulations pertaining to the general elections in October each year. Some dissatisfaction was expressed and the committee wants an ideal election next year.

A final draft of a reply which is being framed to the Manchester Municipal School of Technology was considered. Upon completion it will be framed in the trophy case of the Union a few days before it is sent across the water.

C. A. Palmer was absent.

more of an affair for the whole student body than any of the previous discussions.

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#### TECH SHOW MUSIC (Continued from Page One)

els, 1916, the author of "Getting Across" has written the greatest number of pieces. The next successful competitor was Earl P. Collins, a freshman at the Institute. His successes were in the music for six of the numbers. The complete list of musical numbers is as follows:

- ACT I.
1. Opening Chorus, "Carnival Night," Irving B. McDaniels, 1916.
  2. "Down With Liquor," Irving B. McDaniels, 1916.
  3. "I'm a Noble Soldier of Nobility," J. Frank Leslie, 1916.
  4. "The Charge of the Light Brigade," Irving B. McDaniels, 1916; Francis P. Scully, 1915; Earl P. Collins, 1918.
  5. "Tarry, Tarry, Military Maid," Irving B. McDaniels, 1916.
  6. "Technology Rag," K. T. King, 1915; Irving B. McDaniels, 1916.
  7. "I'd Love to Love Somebody," Irving B. McDaniels, 1916.
  8. "The Bathing At Nice Is So Nice," Edgar L. Kaula, 1916; Earl P. Collins, 1918.
  9. "When It's Moonlight On The Rivers," J. Frank Leslie, G.; Earl P. Collins, 1918.
  10. Final, "To Chamonix," Frank L. Surls, 1914.
- ACT II.
1. Opening, "The Spirit of the Mountains," Frank L. Surls, 1914.
  2. "O'er Mountain Tops," Irving B. McDaniels, 1916.
  3. "Love Is The Greatest Game Of Chance," J. Frank Leslie, G.; Earl P. Collins, 1918.
  4. "Safety First," Edwin J. Kingsbury, 1915; Francis P. Scully, 1915.



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5. "I Can Stand All Your Kisses," Edgar L. Kaula, 1916; Earl P. Collins, 1918.
6. "Canoeing Song," Irving B. McDaniels.
7. "My Aeroplane Hero," J. Frank Leslie, G.; Earl P. Collins, 1918.
8. Final, "Getting Across," Irving B. McDaniels, 1916.

Lee Hall Jones has been chosen assistant to the general manager. Jones lives in Minneapolis and studied at St. George's School before entering the Institute. He has been

connected with the chorus and is a member of the Delta Kappa Epsilon Fraternity and the Walker Club. His duties consist in assisting General Manager Lord in carrying on the regular show business and also in taking charge of the Boston performance on Saturday afternoon, April 17, and in the selling of this year's score and poster.

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#### MUSICAL CLUBS TRIPS (Continued from Page One)

Returning, the train will leave Northampton at 7.45 a. m., and Holyoke at 7.54, arriving at Boston at 10.55 a. m. Wednesday.

The train which the men will take for Wheaton will leave the Back Bay Station of the N. Y., N. H. & H. R. R. at 5.55 p. m. on Saturday evening. The men will report at the station, dressed for the concert, and will have dinner beforehand. A dance will follow the concert and the men will return to the train at 10.54, arriving in Boston at 11.53 p. m.

#### ENGLISH INSTRUCTOR

Thomas G. Goodwin has been appointed instructor in English to replace David Carb, who went to France some time ago to serve in the hospital corps in the European war. Mr. Goodwin is a Harvard graduate of the class of 1912 and up to the present time has been an instructor in the University of Illinois.

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