

TECH NEWS



VOL. 6

WORCESTER, MASS., SEPT. 15, 1914

NO. 1

Football Season Opens

New Coach Elected

CAPTAIN COYNE LEAVES TECH

Although the last two seasons on the gridiron have not been as successful as they might have been for the Tech football team, prospects for a winning team this year are not in the least shattered. Much encouragement has been given the players and followers of the team through the persistent efforts of manager Alfred Pride, who has been successful and lucky in selecting as coach for the eleven, no other person than George W. Jones of this city. "Jiggy," as he is known here, is a former football star himself, having played on the Academy and Holy Cross aggregations and for the last few years he has been coaching the St. John's prep school eleven of Danvers, one of the fastest prep school football teams in the state.

In an interview with manager Pride, he stated that "in his opinion his selection of Jones as coach, he has secured a man who will develop a team for the crimson and gray that will make the best showing in the history of football at the Institute." We sincerely hope that his anticipations will be realized.

Besides Jones, Manager Pride has succeeded in getting the services of another football star, Bartol Parker, formerly of the Harvard team and one of the men picked for the All-American team. Parker promises to be on the field three or four days a week to help out train the linemen, while Jones will take care of the backfield.

A new captain for the eleven will have to be chosen just as soon as all the old men get together, the cause for this being that Capt. Tom Coyne who was elected last year has not returned to the Institute this year. Stone, Gleason, Wiederman and Banan are among the likely candidates.

A schedule of eight games has also been arranged by the manager, the first being, as usual, with Springfield and the last being with Rensselaer. Holy Cross and Tech will combat, as usual, in the middle of the season. It is anticipated that the dedication of the new field will take place with the playing of the last game with Rensselaer and that the last game of the season will be the first game to be played on the new athletic field gridiron.

The schedule follows:—

- Sept. 26—Springfield Training School at Springfield.
- Oct. 3—Trinity at Hartford, Ct.
- Oct. 10—New Hampshire at Durham, N. H.
- Oct. 17—Holy Cross at Fitton field.
- Oct. 24—Union at Schenectady, N. Y.
- Oct. 31—Wesleyan at Middletown, Ct.
- Nov. 7—Thode Island State at Kingston, R. I.
- Nov. 14—Rensselaer Polytechnic Institute at Alumnus field.

TECH PROFS RETURN SAFELY

SOME HAVE EXCITING TIME ACROSS THE WATER

Although many college professors, instructors, school teachers and the like have been marooned in Europe owing to the present war situation over there, nevertheless, Tech is very fortunate in having all the men connected with her instruction department safely back at the Institute at the opening of the fall term. Several Tech professors were over across the water this summer and were obliged to cut their trips short and to change many of their plans. Some had considerable difficulty in getting return passage, nearly all being obliged to change their return passage as planned previous to the outbreak of the war. However, they are all back with us now and from the interviews made with each of them, there seems to be no doubt but that they are more than glad to set foot on terra firma again here at Worcester.

PROF. A. W. EWELL

Professor Ewell was the first to return home. He and Mrs. Ewell left Worcester during the middle of July for England, where they expected to remain for several weeks and then go to France and Holland to spend a month. On arriving at Plymouth, Eng., they were met by a touring car, for which they had previously arranged and immediately started off on an 800-mile motor tour of western and southern England. This first part of their trip as planned was very successfully carried out, but the last part had to be abandoned. While on the motor tour Mr. and Mrs. Ewell had a fine opportunity to witness the general mobilizing of troops in England, as well as the embarking of the same and the shipping of thousands of motor trucks, ammunition, etc., as they followed along the coast a greater part of the way. Five days, at the end of the motor trip, were spent in London, two of which were used in obtaining return passage to this country. Professor Ewell had previously secured passage from Boulogne, France, via the Hamburg American line but, of course, was unable to use the tickets, which he anticipates getting a rebate on soon. He finally obtained return passage on the "Royal George" from Bristol to Montreal, arriving home on Aug. 21st.

While in London Mr. Ewell unexpectedly ran across Professors Duff and Long of W. P. I. who, too, were seeking return passage to the United States; and he also gave his assistance toward helping the American relief committee in that city.

Dr. Ewell says that at one port he saw over 2,500 chauffeurs and mechanics embarking for the front and that one day while he was in Salisbury he was awakened in the morning by the passing of troops and that at retiring time that night the troops were still passing through the city on their way to embark for the continent.

(Continued on Page 3)



1914 DELEGATION AT NORTHFIELD

Northfield Rooters

Tech Nobly Represented This Year

P. I., P. I., Rah, Rah; P. I., P. I., Rah, Rah; Hur-Rah, Hur-Rah; Worcester-Worcester, Rah, Rah, Rah. Northfield, Northfield, Northfield. Sure this yell brings back fond remembrances to several Tech men and to those men to whom this may not seem to mean an awful lot just now, all we can say is, that "you have missed something well worth your while and which you would not miss if you only knew what it was."

The Northfield conference was held this year from June 18-28 and was attended by over 1,000 students from all eastern United States and Canada; W. P. I. being represented by a score of men.

Following the usual custom of Tech delegations we camped on the grounds and prepared our own meals. "Hamburger" Henry was engaged to arrange the food and no more delicious dishes than those set before us by our expert in *l'art de cuisine* were ever had.

The Northfield trip is one that every student should take before he leaves school. One who has been cannot describe the occurrences there in such a way as to influence others to go. In order to know the real value of the trip the student must go himself.

The days were taken up in attending Bible and Mission Study classes which were very instructive and interesting, Auditorium meetings, at which many great men such as John R. Mott, Eddy, Robert E. Spear, etc., were speakers. The afternoons were given over entirely to recreation, when sports such as baseball, tennis, swimming, hikes, etc., were indulged in. Just previous to sunset each evening the men all gathered at "Round Top," a very picturesque spot at the top

of a hill, under the pines, on the campus, to enjoy singing and speeches. Following this, auditorium meetings were held some of the evenings. To close up most of the evenings, delegation meetings were held in our own camp and we were very fortunate in being able to get such men as C. P. Hurry, Mr. Thomas, and "Ted" Mercer to come and give us some personal talks. These gatherings were one of the most interesting phases of the life at Northfield.

Thursday was the Gala day. In the afternoon an intercollegiate track meet was held in which many of our men entered. Although we did not succeed in pulling down first place, nevertheless, W. P. I. finished near the top and were sufficiently proficient to defeat Harvard,

(Continued on Page 5)

STUDENT ACTIVITIES AND HONORARY FRATERNITIES

For the purpose of helping the students, and especially the freshmen, to become better acquainted with the activities and customs at Tech this article is written; supplementing considerable material on this same matter, which appears in the Y. M. C. A. Handbook. It will do every man good to read this over, as no doubt there is something new in it for everybody. There are a great many valuable activities here and surely one of them at least must fit you; so get in with it as quickly as possible, so that both you and the activity will get the most gain thereby.

If you will read over the "Tech Bible" from pages 13 to 39 inclusive you will be able to get some very interesting and valuable information on a great many of the societies and customs connected with Tech, so don't fail to do this.

The following paragraphs will be devoted to describing the other enterprises at Tech, which are of value to every Tech man.

(Continued on Page 4)

TECH NEWS

Published every Tuesday of the School Year by

The Tech News Association of Worcester Polytechnic Institute

TERMS

Subscription per year \$1.75
Single Copies .07

BOARD OF EDITORS

| | |
|-------------------|--------------------|
| A. R. CADE '15 | Editor-in-Chief |
| R. H. RUSSELL '15 | Associate Editor |
| C. S. DARLING '17 | Associate Editor |
| C. T. HUBBARD '16 | Managing Editor |
| | Societies Editor |
| | Departments Editor |
| | Exchange Editor |
| | Athletics Editor |

BUSINESS DEPARTMENT

| | |
|-------------------|----------------------|
| J. E. ALLEN '15 | Business Manager |
| V. B. LIBBEY '16 | Advertising Manager |
| P. P. MURDICK '16 | Subscription Manager |

All communications should be addressed to Tech News, Worcester Polytechnic Institute.

All checks should be made payable to the Business Manager.

The Tech News welcomes communications but does not hold itself responsible for the opinions therein expressed.

All material should be in before Thursday noon at the latest in order to have it appear in the week's issue.

Entered as second class matter, September 21, 1910, at the postoffice at Worcester, Mass., under the Act of March 3d, 1879.

THE DAVIS PRESS

TO THE CLASS OF

1918

THE FIRST ISSUE OF VOL. 6 IS

RESPECTFULLY DEDICATED

"BOOST TECH!"

Editorials

WELCOME

To the members of the incoming class, we, representing the student body of the Institute, as well as the faculty extend to you a most hearty welcome. May your road through Tech, although perhaps obstructed at times here and there with a few small stumbling blocks, for that must enter into life's battle, be crowned with overwhelming victory at the end. That you have a hard road to climb is not disputed, but it is not too hard for most of you, if you will only put your true effort into the work. We trust that you will find yourself immediately and adapt yourself to the situation, and then by giving of the best that is in you and taking of what is given you, you cannot fail to come out a success. Again we repeat, "Enter, Welcome. Bon Voyage to all."

FOREWORD

This edition of the Tech News is published with the especial purpose of aiding the freshmen to get acquainted with Tech and Tech activities. Elsewhere in this issue appears articles on the various activities here on the hill, their purpose and how to get into them, and we hope that every Tech man, especially the men of the class of 1918, will read them and get

some value from them. See what there is here that you can be of service to, as well as getting service from. There are all sorts of activities, so there must be one at least for which you are adapted. Remember that you are here at Tech primarily to take what she has to offer you, but that underlying that there is a duty that falls upon you to give here something helpful in return. Do all that you can to boost your Alma Mater and her activities along the right paths.

We are glad that all the members of our faculty who were marooned in Europe on account of the war have been able to make safe return to this country, God's own country, as it is called, and are back with us for the opening of the school year.

"I PROMISE TO PAY"

The Tech News, although its purpose is to do all it can for the benefit of Tech students is not supported by any philanthropic person. The publication is not a money-making enterprise, those working for it get no recompense, except the appreciation from those who are willing to appreciate what the board is doing for them and the satisfaction that they are doing something worth while. In order to exist and to produce the kind of newspaper which you would wish us to publish for you, we must have funds and these funds must come from YOU. Now we do not ask any one of you to dig down and hand in contributions. All that we ask is that you will do yourself a good turn, incidentally doing Tech a good turn by subscribing to the NEWS for the year. The subscription price is only \$1.75 and

we are sure that we will present to you each week a paper full of "live news while it is news" for which you will never regret spending that \$1.75.

Furthermore, it might be well to state that we cannot live on the "I promise to pay" alone; you must keep up your promise and if some of the back men would kindly send the business manager their checks for past subscriptions the NEWS would be greatly obliged to them. We know that it is simply forgetfulness on your part that the subscription has not been paid before, so we send you this simple reminder.

So, fellow students, please bear in mind that it costs money as well as effort to run a college paper and that we need the subscription of every Tech man in order to publish this paper. Show your true Tech spirit by signing one of the slips, which will be handed you today and then see that you fulfil your promise. Don't be a sponge by borrowing someone else's paper, but help your own college paper by subscribing to it yourself.

Remember, students, that athletics cost money and that it is your privilege and duty to pay your athletic dues immediately. Pay them now while the money is handy. If you have not already done so, it will be well worth your while to read the article on Athletic dues, printed elsewhere in this issue.

"Hoch der Kaiser." It begins to look as if it will be necessary for considerable "Hocking" to pay expenses before the present war is settled.

CAMPUS IMPROVEMENTS

Several improvements have been made about the campus during the summer. A new walk, improved by stone steps, has been made from the corner of Salisbury and Boynton streets leading to Cosine Ave., in front of the Salisbury laboratories. All the trees on the grounds have been carefully pruned and put into first-class shape, while the several driveways have been resurfaced. What will prove as a great assistance to the men entering the hill from the West St. side, especially in the winter, is the new iron hand rail which now extends all the way along the walk leading from West St., corner Institute Ave. up to Boynton Hall.

INFORMATION NEEDED?

Freshmen, do not hesitate to use the Y. M. C. A. freely if you are desirous of obtaining any information as to rooms, board, trading, getting outside work, etc. You will be always welcome there and any assistance that can be offered you will be gladly furnished. Simply call at the Y. M. C. A. rooms or Secretary Pierrel's office on the ground floor of the Mechanical building and see what someone there can do for you.

MORE SCHOLARSHIPS AVAILABLE

From the bequest of Harriet D. Brown the sum of \$15,000 was received by the Institute during the month of July, thus bringing the Aliza Brown fund up to the total sum of \$64,000. The income of this money is available for scholarships upon which there are no residential conditions. Thus students from outside the state may be able to receive aid, as well as those resident here.

Mrs. A. H. Day : Academy of Dancing.

Miss Ruby H. Day
and
Mr. Roland G. Day

wish to announce that they have just returned from New York, where they secured the latest steps and dances. Their studio is now open and they are ready to make arrangements for classes and private lessons.

The latest dances which are danced by society in the leading cities include *The Tango (Parisian)*, *Maxixe*, *Fox Trot*, *Rouli Rouli*, *Trivol Trot*, *Lula Fado*, *Le Vrai Bresilienne Polka*, *La Furlana*, *Ta-Tuo*, *Syncopated Waltz and Canter*.

Miss Day is pleased to make arrangements for small private classes at reasonable terms. In these classes she will be assisted by Mr. Day

SPECIAL ATTENTION TO PRIVATE LESSONS

Our Staff of Teachers enables us to give pupils the

BEST PERSONAL ATTENTION

Pupils are taught thoroughly and advanced rapidly.

Classes now forming for Beginners to teach

The Modern Dances

For particulars, call at the Studio . . . 311 MAIN STREET
CENTRAL EXCHANGE BUILDING

Special Terms for
Tech Men

Telephone Park 5092

Residence: 10 Shaffer St
Tel. Park 2966M

REGAN'S

BAY STATE
HOTEL CO.

Best of Everything
Popular Prices

283 MAIN ST., WORCESTER, MASS

THE GRAND

FRANKLIN SQ. Tel. Park 1870

WEEK BEGINNING
MONDAY MAT. Sept. 14

Mr. S. Z. Poli presents his Premier Stock
Organization

The Poli Players
IN

"The Royal Mounted"

A thrilling play of the Great
Canadian Northwest.

Twice Daily: Matinee, 10, 20
Eve., 10, 20, 30, 50
Seats are now selling, Phone, Park 1870

Week of Sept. 21, "Ready Money."

Patronize Our Advertisers. We recommend them as reliable firms, where you can get goods that satisfy

TECH PROFS RETURN

(Continued from Page 1)

PROF. A. WILMER DUFF

Professor Duff who, with his daughter, left Worcester about the last of January to make an extended tour of Europe, was obliged to leave Germany several days ahead of his plans and also to get passage home from England, a couple of weeks early, as the boat on which he had previously secured passage had been taken by the government and made over into a transport for the army.

Professor Duff, after leaving the United States, visited the Azores, Madeira, Gibraltar, Algiers, Naples, Rome, Venice, Florence, Milan, Munich, Nuremberg, Dresden, Leipsic, and finally arrived at Berlin, where he remained for a month taking up special work in physics at the University of Berlin, under Professors Plank and Reiche. He was obliged to leave his classes several days before the closing of the term, owing to the fact that war was threatening and that it was beginning to get dangerous to remain there any longer. From Berlin he went to Holland, thence to London, from where he finally obtained return passage on the Sardinia of the Allen line, to Montreal, thence to Worcester, arriving here on Sept. 2nd.

On his travels through Holland and England, Professor Duff had a fine opportunity to see the mobilizing of troops.

DR. O. W. LONG

Dr. Long states that his plans were not materially changed by the war, as he left Germany about the first of August, at the declaration of war, coming via Strassburg and Alsace-Lorraine through Belgium to Ostend, thence to London, and finally sailing from Glasgow to Boston.

Dr. Long says that he was treated very courteously everywhere and so were all the people with whom he came in contact, and that no special precautions were taken by any one of the countries except just what one would expect that any country at war would necessarily do. The accounts of ill treatment which have appeared over here, he says, are all greatly exaggerated. One Boston paper this week even stated that he had been held as a spy in several different places, many of which places he wasn't even in; nor was he held as a spy at any time.

Leaving Boston on June 2, Dr. Long went to England, and from there to Holland, thence to Germany, through the Harz Mts., to Jena and Marburg, and finally to Frankfurt and Munich. He was in this latter place when the ultimatum was served on Serbia by Austria. Leaving Munich at this time, as conditions were getting dangerous, he went to Freiburg, and thence to London, where he remained for three weeks before going to Scotland. He states that he had to experience some discomforts while travelling out of Germany, but nothing more than one might expect under the conditions.

DR. MORTON MASIUS

There was considerable anxiety among the friends of Dr. Morton Masius as to his safety; but he returned safely to the Institute just before the fall term opened and in an interview with him, he stated that he did not experience any difficulty whatever and that he was very fortunate in obtaining good return passage to this country. Dr. Masius left for Europe on June 26, sailing directly to Berlin; from there he traveled through southern Germany, along the Danube into Vienna;

returning to Leipsic by the way of Prague and Dresden. The outbreak of the war did not interfere with his plans very extensively, although he was obliged to abandon a walking trip through the Harz mountains, in which he was indulging when war was declared. However, he succeeded in getting from the mountains safely to Leipsic, where he remained for three weeks with relatives. Leaving Leipsic, finally Dr. Masius went to Berlin for a few days and thence to Rotterdam, where he sailed for the United States on August 29, arriving in Worcester Sept. 7th. He had planned to return on a German line; but like all others with those plans, he, of course, was obliged to make a change.

MR. E. V. D. BURDICK

Mr. Burdick, of the modern language department, was also over in Europe this past summer, having departed from Worcester on June 20th to make a trip through England, Paris, Switzerland, Germany. When the war broke out he was in Germany and hastened to Rotterdam where he started on his return passage to New York.

MR. L. L. STEELE

Mention elsewhere is made of Mr. L. L. Steele of the chemistry department being over across the water; but none of his previously made plans had to be changed to any extent.

T. R. BRIGGS

Mr. Briggs, formerly of the chemistry department, was obliged to change his plans to a very large extent, as he sailed for Europe the middle of the summer, planning to enter college there, for a half year's graduate work. It is understood that he got as far as England, and has remained there for a while with relatives.

DR. FARRINGTON DANIELS

Dr. Daniels, who is taking Mr. Briggs place at the Institute, gives the war credit for his being here. For had it not been for that he would now be in Germany taking up research work at the Kaiser Wilhelm Institute, under Professor Haber a noted chemist. This institution is a government school and, of course, is now closed up. Mr. Daniels came east on his way to Germany and while in this vicinity planning just what to do, after the war had broken out, he was very fortunate in obtaining his new position.

MISS JOSEPHINE FROST

Mention might also be made of Miss Frost, our new recorder, as she was in England during the summer and had difficulty in obtaining return passage.

SUPT. OF BUILDINGS AND GROUNDS

R. C. Balcom, who has been giving instruction in the M. E. department, has been appointed as Superintendent of buildings and grounds. He will have his office in Boynton Hall in the same room as the registrar. This appointment does not interfere with Mr. Balcom's instruction work.

ASST. TRACK MANAGER APPOINTED

At a meeting of the athletic directors held last June, Thornton Stenberg, '17, was elected as assistant track manager. Winfield Putnam, '16, is the present manager.

TRACK CAPTAIN ELECTED

The track team met just previous to the closing of Tech last June and elected "Nitch" Warren as their captain for this coming season. Surely he deserves the honor for the great work he has done previously for Tech on the boards.

FOR SOCIALS, FRATERNITY, ENTERTAINMENTS, ETC.

TAIT BROS.' ICE CREAM

The Ideal Refreshment :: Prices Right :: Quality Unsurpassed
At Leading Dealers, or 'Phones, Park 1212-W and 1760

L. J. ZAHONYI & CO.
149 Main Street

WEDDINGS AND PARTIES
Supplied at Short Notice
ICE CREAM, Wholesale and Retail

THE TECH PHARMACY

D. F. KELLEHER, Pharm. D.
Headquarters for Drugs, Candies, Cigars
Cigarettes, Newspapers, Stationery.
Special attention to W. P. I. men.

HAIR CUTTING

"Tech" men, for a Classy Hair Cut, try
FANCY'S, 51 Main Street
Next door to Station A J. H. FANCY, Prop.

FOR YOUR POSTERS

AND FRAMING GO TO
G. S. BOUTELLE & CO.
256 MAIN STREET

Worcester and Prosperity

is all right. But remember, young man, that you can't enjoy prosperity unless your collars, ties, shirts, etc., are "O. K."

Moral: Buy them of your friends.

Barnard, Sumner, & Putnam Co.

BOOK AND SUPPLY DEPARTMENT

Tech Banners, Leather Goods, Stationery and Books

WE ARE TECH MEN
AND KNOW WHAT YOU WANT



THE TECH LUNCH
ALL STUDENTS WELCOME

PURE FOOD

QUICK SERVICE: Our Motto

Worcester Polytechnic Institute

Worcester, Massachusetts

Ira N. Hollis, LL. D., President.

A School of Engineering

providing four-year courses of instruction in
MECHANICAL ENGINEERING, CIVIL ENGINEERING,
ELECTRICAL ENGINEERING, CHEMISTRY,
GENERAL SCIENCE,
leading to the degree of BACHELOR OF SCIENCE.

Extensive Laboratories

for experimental work in
MECHANICAL ENGINEERING, ELECTRICAL ENGINEERING,
STEAM ENGINEERING, PHYSICS,
HYDRAULIC ENGINEERING, GENERAL CHEMISTRY,
CIVIL ENGINEERING, INDUSTRIAL CHEMISTRY.

Well Equipped Shops

providing ample facilities for practice in Foundry Work, Forge Work, Machine Shop, Wood Work, Operation of Engines and Boilers.

For Catalogue giving courses of study, positions filled by graduates, and all necessary information, address the President.

CLARK SAWYER CO.

SPECIALTIES IN

Crockery, Silver Cutlery,
Gas and Electric Fixtures.
House Furnishings.

478-484 Main St., Worcester, Mass.

DURGIN'S**Jeweler and Optician**

EYES EXAMINED

Full Line of W. P. L. Jewelry

BANNERS FOBS
SEALS STEINS
LOCKETS PLATES, etcJewelry and Optical Repairing
promptly and satisfactorily done

568 Main St., opp. the Post Office

**FROST'S**LET US RENT YOU A
TYPEWRITER. ALL
STANDARD MAKES.
VISIBLE.\$6.50 FOR
3 MONTHS

TYPEWRITERS

"QUALITY ALWAYS FIRST"

HARDWARE
CUTLERY
TOOLSDUNCAN & GOODELL CO.
MAIN ST., COR. PEARL**STUDENT'S SUPPLIES**

Desks, Book Racks and unique Novelty Furniture at record prices.

See our Flat Top Desks at Special Student's Price, . . . \$7.50

If your landlady needs anything
Recommend FerdinandsBoston Worcester Fitchburg
Cambridge

Big Stock, Small Prices

FERDINANDS

Prices Save You Money

247-249 Main Street, Worcester
Corner Central Street.**STANDISH A New****ARROW**
COLLAR 2 for 25¢
Cluett Peabody & Co., Inc. Makers**STUDENT ACTIVITIES AND
HONORARY FRATERNITIES**

(Continued from Page 1)

TAU BETA PI

This is the honorary fraternity which in the engineering schools corresponds to the Phi Beta Kappa of the colleges. Its purpose is "to mark in a fitting manner, those who have conferred honor upon their Alma Mater, by a high grade of scholarship as undergraduates or by attainments as Alumni, and to foster a spirit of liberal culture in the engineering schools of America." Elections to Tau Beta Pi are made during the latter half of the junior year and the first semester of the senior year; the first eighth of the class, as regards scholarship standing, being eligible the first time and the first quarter, the second time. Members may be distinguished by their badges, gold watch keys in the form of the bent trestle, worn as a charm.

SKULL

The Skull is the senior secret society and has as its purpose, the recognition of men who have honored their Alma Mater by some worthy achievements along the line of athletics, scholarship, literary work, and the like. Election to this society takes place during the latter part of the Junior year, of course only prospective seniors being eligible. Skull men may be recognized by their white "skull" caps, which bear the emblem of a skull, or by a pin of the same nature.

COSMOPOLITAN CLUB

This society, which is affiliated with the Corda Fratres, Federation Internationale des Etudants, is a valuable asset to Tech students, especially the foreign men and those especially interested in them. Its main purpose is "to cultivate social intercourse among students of different nationalities at the Institute; and thereby foster the spirit of universal brotherhood." All foreign students will do themselves well if they get in touch with some member of this club as soon as possible. There is no special recognition emblem worn by the members here, although there is an international pin. The club rooms are located at 2 Hackfeld road.

S. Z. Poli will welcome the school year with one of the best shows of the season, a program made up of just those acts that has made vaudeville the favorite amusement of millions, and this year the popular Elm street theatre will present a program made up of six novelty acts of vaudeville, three single reels of pictures and a feature picture of three reels, giving a complete performance once in the afternoon and once in the evening from one thirty and seven thirty to four thirty and ten thirty. Amateurs on Tuesday evening and Country store on Friday evening. A complete change of program on Thursday.

TECH HAS NEW RECORDER

An addition to the Institute office staff has been made, by the appointment of Miss Josephine C. Frost as Recorder. She will have charge of all student records and all clerical work connected with the students. Miss Frost comes to the Institute with several years' experience obtained in the engineering department at Harvard.

G. O. P. JOINS BENEDICTS

A wedding of interest to the Tech men took place in Cedar, Iowa, on July 29, when Miss Pearle Gwin of Cedar and Gren O. Pierrell, were united in marriage at the home of the bride's parents, Mr. and Mrs. W. L. Gwin, in that city. Mr. Pierrell is our new Y. M. C. A. Secretary, who was appointed last year to take the place of Clarence P. Shedd, and who will begin his work here in that office this year. Mrs. Pierrell is a graduate of Penn College in her husband's class, and last year took a graduate course at Simmons College. Mr. and Mrs. Pierrell will make their home in Worcester at 53 Queen St.

TECH HANDBOOK

This year's edition of the Y. M. C. A. handbook, commonly known as the "Tech Bibles" are now ready for distribution to the undergraduates. The Bibles will be given away free, one to each man, on filling out an application blank in the Y. M. C. A. rooms, in the Mechanical building. Have you received yours yet?

The new handbook is bound, somewhat similar to last year's, in a black, smooth-grained leather, and it contains 144 pages of valuable and useful information. Several new features have been added in the printed matter, and the whole thing reflects credit upon the committees who had charge of publishing it. George P. Halliwell, '15, was chairman of the committee.

THE 1914 GIFT

The Class of 1914, following the admirable custom of many classes, had as one of its last desires, to present Tech with a gift which shall give the greatest good and enjoyment to the student body. During the latter part of the senior year, the members of the committee on commencement affairs were busy getting suggestions for gifts to be put before the class. The campaign for the new athletic field and the rapid strides towards its completion, the very bright outlook for a gymnasium, were responsible for the suggestion which was finally approved.

As some of you know, the grounds where the old baseball field is now situated have been planned to allow for the gymnasium and numerous tennis courts. The gym will face the new street which forms the north boundary of our present property. The courts will probably be just south of the gym.

Most Tech men play tennis when they get a chance, and there are odd moments at times when a game can be slipped in. We have some mighty good players here and Nineteen-fourteen was nobly represented.

Fourteen courts have been planned for. Nineteen fourteen, '14. Why not make the courts the gift? At the farewell banquet the class voted unanimously and enthusiastically in favor of this suggestion, and adopted the scheme for collection of funds. The money given by 1914 shall finally pay for the tennis courts and they shall be known as the class gift to dear old Tech. May future classes enjoy them!

OFFICE CHANGES

Hereafter all business connected with registration and records will be carried on in room 2; while all business relating to the payment of tuition and other bills will be taken care of by Mr. Parsons in the registrar's room as formerly. The president's office is in room 3, the middle of the three rooms formerly comprising the library.

The Davis Press

INCORPORATED

Good Printing
for Tech MenGraphic Arts Building, 25 Foster Street
Worcester, Mass.**STUDENTS'
DESKS**

The special desks which we have for students, are finished in golden or fumed oak. The size is 40 x 27 and the price, NINE DOLLARS. Drop 'n and look them over.

TYPEWRITERS

We have some good trades in low priced visible writing typewriters, including Underwood, L. C. Smith, Oliver, and Royal makes. You may find your machine waiting for you at our store.

G. E. STIMPSON CO.

Pleasant St., Cor. Chestnut

**A Comparative Illustrated
Lecture on Laundry Work**

1894

3 employees
Hand collection
1 small room
No machinery
Crude methods
Slow system

1914

100 workpeople
16 wagons, 1 auto
4 entire floors
Perfect equipment
Modern methods
Intelligent operationsLargest and most modern
laundry in Central Mass-
achusetts.
Rush work for special
occasions on request.

UNION LAUNDRY

Park 4460-4461

J. C. Freeman & Co.

Makers of the Best

Spectacles and Eyeglasses

QUICK REPAIRS

✱

EASTMAN FILMS

DEVELOPING AND
PRINTING

✱

763 Main Street corner Elm

Ice Cream Sodas, Apollo Chocolates
Cigars, Cigarettes, and Tobacco

C. A. HANSON, Druggist
107 Highland Street

BANCROFT BARBER SHOP

Solicits your patronage

+

Best Service in Worcester

+

Hair Cut, 25c. Shave, 15c.
Manicure

Hotel Warren

DAINTY CAFE and COLLEGE GRILL

One block from Union Station

Tel., Park 4350 Rooms single and en Suite

YES, WE HAVE THEM
RUBBER SOLE
BOOTS AND OXFORDS
BLACK OR TAN



\$4.00
\$4.50
and
\$5.00

**WALK
OVER**

WALK-OVER BOOT SHOP
302 Main Street

FARNSWORTH'S

Carriage and Baggage Transfer

CALVIN FARNSWORTH, Prop.

Office in Parcel Room, next to Baggage
Room, Union Station

Baggage called for and Delivered promptly.
First-Class Hacks and Coupes Furnished
for Weddings, Receptions and Calling
Taxicabs and Touring Cars for Hire.

Union Depot Telephones, Park 12 and 13

ATHLETIC DUES

To the freshmen, and to all other undergraduates, although it ought not to be necessary to keep repeating this to the latter, this opportunity is taken to say a few words about athletic dues. The annual fee which goes toward supporting the teams at Tech is four dollars, and every man in the school, freshman, sophomore, junior, and senior, is expected to pay this sum promptly. No student who enters Tech can really find it impossible to pay this small amount, which is less than one per cent of his expenses.

The new students should remember that they have entered upon the four years which will to a large extent govern their future lives, that they are in college not alone to take away the book knowledge of the classroom, but to give to the institution their loyalty and support at every turn. It is this that makes true college life. Patriotism for one's country is the highest form of loyalty, a trait for which Americans stand high among the nations of the world, and second only to patriotism is the loyalty of a college man to his Alma Mater. Prompt payment of your athletic dues is your first opportunity of showing your allegiance to the college of your choice, and makes you feel you have started right, anyway.

FRESHMEN, ATTENTION!

The annual reception by the Institute Young Men's Christian Association to the freshmen will be held Saturday evening of this week in the Electrical Engineering hall at 8 P. M. A good time is assured everybody, but especially the freshmen. It will be their first opportunity to get acquainted with the upperclassmen and with the faculty. Every 1918 man should be sure to be present. There will be good speakers representing the alumni, faculty, and student body, and refreshments will be served. Everybody out.

DEPARTMENTAL CHANGES

(Continued from Page 6)

PHYSICS

Prof. A. Wilmer Duff of the department of physics has returned to the Institute after a half year's leave of absence and will resume his work as head of that dept.

Mr. A. W. Hull, formerly instructor in this department, has been granted a year's leave of absence, in order that he may take up some research work in the laboratories of the General Electric Co. at Schenectady, N. Y. Samuel J. Plympton, a graduate of the Sheffield Scientific School has been appointed as instructor to take Mr. Hull's position.

ELECTRICAL

Mr. F. J. Adams of the E. E. Department has been granted another year's leave of absence.

Mr. G. I. Gilchrist who has been graduate assistant in the E. E. department for the past two years will be succeeded by Albert Prouty, '14.

LANGUAGE

Changes have been made in the department of languages so that Prof. C. J. Adams will be entirely relieved from any work in German or French, spending his entire time in the English work. In the department of modern languages John A. Spaulding, a graduate of Harvard college, has been appointed as instructor.

A change in the curriculum has been made so that the freshman English will cover three hours a week, instead of two as formerly. This change is certainly a very important one as that particular study previously has not been given its due amount of attention.

NORTHFIELD ROOTERS

(Continued from Page 1)

the latter having about 100 delegates present also. As for the ball game played between W. P. I. and Wesleyan, well, Nuff Ced. At the last hearing the score was something like 12 to 1, with prospects of the 12 going up.

In the evening there was held in the Auditorium what was known as "stunt night." At about 7 o'clock our delegation marched lock-step to the auditorium, decorated with a large red bow tie and gray flannel shirt, characteristic of Tech's colors, amid uproars of cheers by our own men and the several other delegations present. All were dressed in some characteristic costume, there being over 1,000 college men present and the audience totaled nearly 3,000.

The six best "stunts" presented to a committee were allowed to be given and of course Tech was among the six. Her performance took the form of a pantomime and it surely made a great hit. The principal feature which brought down the house, was Heinie's makeup as a girl. Really, you couldn't imagine it was he.

The grand finale for the day was a huge bonfire, touched off about 10 p. m., around which everybody gathered, singing their respective college songs and uttering forth some of their most popular yells.

For a complete story of our daily life at Northfield, every man should consult the log book in the Secretary's office.

Northfield to some is a revelation and to others it is an inspiration. Many of us who had never been there found it to be more than we had even hoped for. Let as many as possible go next year and make the delegation the largest ever.

The total register of the last delegation was as follows: G. O. Pierell, Ansel St. John, H. F. Stuart, C. P. Shedd, Y. C. Mei, Dick Wong, Joe Junqueira, Sih-Zung Yang, Wai Fung, Y. K. Huie, A. R. Cade, H. H. Merrill, R. C. Bowker, Dwight Allen, E. H. Francis, R. H. Russell, Mr. Bragg, Mr. Kollogg, George Halliwell, W. B. Anthony, H. F. Brown, and G. J. Robinson.

TECH NEWS MEETING

A Tech News meeting will be held today (Wednesday) at 5 o'clock at the Tech News building, at the foot of the hill. All men interested in News work are urged to attend this meeting. Don't be backward, come right along and you will be gladly welcomed. Bear in mind that there are four positions on the staff to be filled very shortly and also that the length of time that you have been working as an assistant helps greatly in getting appointed to a staff position. All candidates should not fail to report at this meeting and get some assignments to cover. The election of men takes place the middle of October and if you hesitate now it may be too late when you do decide to come around. Remember, today is the day; 5 o'clock is the time; Tech News building is the place.

BOOK STORE MOVED

The book and supply room has been moved from the corner room, to the room formerly occupied by Professor Butterfield. Mr. Butterfield now has his office in the old mail room, and the former book store room is to be occupied by the Civil department as an instrument room. The reason for this being that it was necessary to have a room which would give the men ready access through an outside door and this room suited the purpose excellently.

LANGE

PLANTS AND FLOWERS
delivered to all points in the
United States and Canada

371-373 Main St. :: Worcester, Mass.

COAL and WOOD

F. E. POWERS CO.

570 Main Street

WELCOME BACK!

We are glad to
see you again at
LINCOLN LUNCH

27 Main St. :: 44 Trumbull St.

BUY! BURN!
LACKAWANNA COAL
Standard for Nearly a Century

**LAFLIN-SUMNER
COAL COMPANY**
ESTABLISHED 1875

Telephone, Park 2100 Recommend It.
9 PLEASANT STREET :: WORCESTER, MASS.

Lake Park Boat Tivery

Old Town Canoes for sale and to let.
Agents for Evinrude Motors. Dealers in
general Motor-boat supplies.

Take Hamilton St. Cars :: H. M. Winchester, Prop.

F. A. EASTON E. M. WHELAN
Established 1875. Incorporated 1903

F. A. EASTON CO.

NEWSDEALERS and CONFECTIONERS
Cor. Main and Pleasant Sts., Worcester, Mass.
JAMES MITCHELL GRACE M. WHELAN

FLOWERS

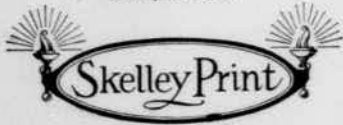
Randall's Flower Shop

3 PLEASANT STREET

Phone, Park 94

Tel., Park 980 Lady Assistant
Dr. R. M. GARFIELD
 Surgeon Dentist
 OFFICE and RESIDENCE, Suite, 208 209, 210,
 Walker Building, 405 Main St., Worcester, Mass.
 Office Hours, 9 to 6, 7 to 8 Sunday, 10 to 11
 SPECIALTIES: Inlays, Crowns, Bridges

Compliments



READY

As you read this, our Fall Stocks are in place, and everything in the world of good clothes is ready. Whenever you're ready to buy—today, tomorrow or next week, you'll find us ready and waiting. We've tried to make our store the sort you'll like, and we're still trying. We're near the goal of our ambition. Don't keep us waiting long for we'll both enjoy what we have on display.

Suits and Overcoats
\$15 to \$40

SEE OUR WINDOWS

Ware-Pratt Co.

PLAZA

MON., TUES., WED.

The Philadelphia-Lancaster
 Counterfeiting Mystery

With

Wm. J. Burns

In a Leading Role.
 PATHE WORLD NEWS.
 REFINED ENTERTAINMENT.

10 in the Morning until 10.30 at Night
 NEVER CLOSE
 Same Prices Eve'gs, 10c, 20c
 Rest of the time, 5c, 10c

DEPARTMENTAL CHANGES

CHEMISTRY

Dr. T. R. Briggs resigned as instructor in the department of chemistry, during the summer. Mr. Briggs intended to go to England for the summer and then to journey to Germany to take up graduate work in a college there during the winter term, but owing to the present belligerent conditions in Europe his plans had to be changed. He will, however, return to Cornell next January to take up a position as Asst. Professor in Chemistry.

Dr. Farrington Daniels, a graduate of the University of Minnesota in 1910, has been appointed as instructor in the department of chemistry to take the place of Dr. Briggs. Dr. Farrington has been studying for the past three years at Harvard University under Professor Richards and received his Ph.D. degree there this last June.

Mr. George A. Hill, W. P. L., 1913, who for the past year has been studying in the graduate department at Harvard University, and who received his A. M. degree there this past June, has been appointed as instructor in chemistry to take the place of Laurence L. Steele. Mr. Steele, who has been travelling in Europe during the summer, plans to enter Harvard University this fall to take up further graduate work. Mr. Hill will continue his research work at W. P. L., under the supervision of Professor Kohler of Harvard, leading to his degree of Ph. D.

During the summer the laboratories in the Salisbury building have been newly redecorated, mostly in white, which improves the conditions greatly and all are now in excellent condition ready for the ensuing year's work.

The department of Chemist'y was very fortunate in getting in their supply of chemicals for this year, previous to the outbreak of the war in Europe, a thing which many of the colleges did not succeed in doing.

CIVIL

Albert S. Crandon '14 has been appointed as instructor in the department of Civil Engineering, to take the place of R. C. Mansfield who has resigned.

A change in the curriculum will also be put into effect during the second term, when Professor Butterfield will take up the courses in least squares and geodesy, which were formerly taught by Professor Ives. Professor Butterfield will devote his regular time the first semester in the mathematics department, as previously.

MECHANICAL

Several changes in the teaching staff of the mechanical department have been made. Prof. J. H. Nelson has been granted a half year's leave of absence for the first semester, when he will go to Washington to do some research work in the Bureau of Standards there. By a re-arrangement, Mr. Kirtland Marsh '14 will go into the drafting room to instruct, in order to give Mr. Davis and Mr. Stuart time to work with Mr. Roys, on Professor Nelson's subjects.

Two appointments to assistant professorships have been made, so that Mr. J. C. Davis becomes assistant professor of mechanical drawing and Mr. H. P. Fairfield becomes assistant professor of machine construction.

(Continued on Page 5)

ATHLETIC FIELD DEVELOPMENTS

Of course everybody is wondering what has been doing over on the new athletic field; how it is coming along, and when the new gym is to be started; and it will need only the going over and viewing the site for yourself to appreciate how the field is progressing. During the summer it has been well taken care of and the results are in evidence. The grass is getting toughened and the strength of the turf is nearly enough to allow for its being used. However; it is desired that people will please "keep off the grass," especially on the hillside, so as to keep it in first class condition.

As for the gymnasium it is hoped that the digging of the first shovel full of dirt may be witnessed this fall; it depending on the financial situation whether it is done or not. The present war conditions effecting the money market may cause a slight delay in getting started, as the committee does not want to start until they have enough money to feel sure that the proposition is a safe one. If the building is not started this fall, the corner-stone will be laid sure, on next Commencement.

Work on the alumni gates is also progressing rapidly.

BASEBALL MANAGERS

At a June meeting of the athletic directors, G. M. Pomeroy, '17, was elected assistant baseball manager. W. S. Warner, '16, had already been elected manager.

N. ZELLEN

"The Tech Tailor"

Suits made to order.
 Suits cleaned and pressed at reasonable prices.

129 Highland Street

Phone, Park 1340

Guy Furniture Co.

House Furnisher

WORCESTER

Good Things to Eat

AT

Knox Bakery

119 HIGHLAND STREET

M. H. TERKANIAN

SHOE REPAIRING CO.

Men's Sewed Soles 65c.

Try us once and you will call again

75A Main Street



FALL SHOES HEYWOOD'S

415 Main Street

(OPPOSITE EASTONS)



If you are particular eat at
EXCHANGE CAFE

95 Main Street

Steaks, Chops, Stews & Salads
 Order Cooking a Specialty

"All study and no play,
 makes Jack a dull boy."

POLI'S

Novelty Vaudeville and
 Photo-plays De Luxe.

Matinees 1:30 - 2,600 seats, 10c.
 Evenings 7:30 - 10, 15, and 25c.

Thurs., Fri., Sat.; Sept. 17-19

Ever go shopping?
 No? Then see

THE LINGERIE SHOP

5 - OTHERS - 5

Mon., Tues., Wed.; Sept. 14-16

Just pretty girls.

THE BACHELOR GIRLS

Always 6 Reels of Pictures

AMEN CORNER

?

Putnam & Thurston
 RESTAURANT